

GAMES

THE ALL STARS

GET THEIR HEADS
TOGETHER!

From the designs of the helmets,
can you name the eleven NFL teams
represented in the huddle?

Answers, Page 64



For smokers who prefer
the convenience of five more cigarettes per pack.



Now, famous Marlboro Red
and Marlboro Lights are also available in
a convenient new 25's pack.



New Marlboro 25's

Not available in some areas. © Philip Morris Inc. 1983

Lights: 11 mg "tar," 0.7 mg nicotine—Kings: 17 mg "tar,"
1.1 mg nicotine av. per cigarette, by FTC method.

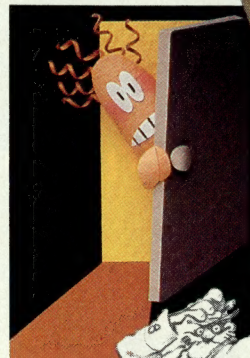
Warning: The Surgeon General Has Determined
That Cigarette Smoking Is Dangerous to Your Health.



PAGE 22



PAGE 42



PAGE 16



PAGE 46

PAGE 25

FEATURES

- 16 Pocket Money** The Up-and-Down World of Professional Pool *Roger Dionne*
- 20 Homecoming** Photocrime Attends a Deadly College Reunion *Mary Ellen Slate*
- 22 Ring Out the Old** This Quiz Puts Your Telephone Knowledge on the Line *Robert Leighton*
- 42 Hi-Tech Hijinks** Call Our Bluff Joins the Electronic Revolution *Jeremy Piltdown*
- 44 Naming Names** Can You Untangle These Twisted Tales? *Toni Green and Mary Ellen Slate*
- 46 Diplomats** A Bloodless Battle for Two Players *R. Wayne Schmittberger*
- ?? Find the Fake Ad** Which of the Pitches Is Full of Hitches? *(Answer Drawer, page 60)*

PENCILWISE

- | | | |
|-----------------------------------|--|----------------------------------|
| 25 Just for Starters | 32 Braintwisters from Poland | 37 Mind Flexers |
| 26 Abe Lincoln Word Search | 34 Cryptic Crossword | 37 Ornerly Crossword |
| 28 Dszquphsbnt! | 35 Elimination: Variety Cryptic | 40 Gone but Not Forgotten |
| 30 Calculetters | 36 Double-Crostic | ... and other pencil puzzles |

CONTESTS

- 14 It's Elementary** ... But Only If You've Got the Right Chemistry
- ?? Hidden Contest** Take Heart and Keep Looking
- 53 Contest Results** Alphabetrivia, September; Word Marathon, August; Hidden Contest, July

DEPARTMENTS

- | | | |
|--------------------------|--------------------------------------|-------------------------|
| 4 Your Move | 12 Logic: Sweet Heart | 55 Wild Cards |
| 6 Letters/Laundry | 48 Games & Books | 58 Answer Drawer |
| 7 Events | 50 Eyeball Benders from GAMES | 64 Eureka |
| 10 Gamebits | Readers | |

Difficulty Rating

Smooth Sailing ★

Uphill Climb ★★

Proceed at Your Own Risk ★★★

Mixed Bag ★★

Cover Illustration Greg Couch

Puzzle Concept Mark Mazut



Power for passing, power for merging, power for quick response when you want it—Sunbird Turbo's got it. In fact, one of the most impressive horsepower-per-liter ratios of any production engine built in America.

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But enthusiastic performance


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has practicality
had such powerful
appeal.

PONTIAC SUNBIRD TURBO

and advanced technology are part of every Pontiac Sunbird. Available in five body styles, its standard equipment includes a 1.8 liter, overhead cam engine with electronic fuel injection, a quick-shifting, 5-speed gearbox, front-wheel drive, rack and pinion steering, new all-season radials and a high level of fit and finish.

With or without turbocharging, it's fun to drive, easy to own, and eager to please. Sunbird. Only from Pontiac!



LET'S GET IT TOGETHER  BUCKLE UP.

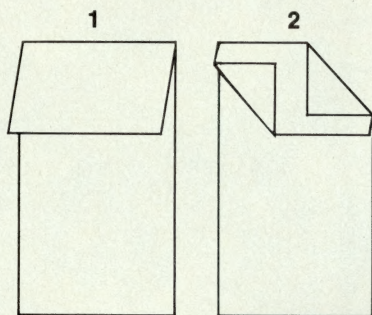
WE BUILD EXCITEMENT

YOUR MOVE

Edited by Burt Hochberg

Linage ★

Figure 1, below, shows a strip of paper with the top third folded down, and figure 2 shows two of the corners folded over. If the face of the paper is covered with vertical lines and the back with horizontal lines, in which direction should the lines go in each section of figure 2? No fair using an actual piece of paper.



W. Top Changwachai
Austin, TX

A Marbelous Challenge ★★

An urn contains 65 white marbles and 66 black marbles. Two randomly chosen marbles are removed from the urn and replaced by one marble, and this process is repeated until only one marble remains. Each time the two chosen marbles match in color, they are replaced by a black marble. Each time they differ, they are replaced by a white marble. What color is the last marble?

Harold Reiter
Silver Spring, MD

Anagrammar ★★

Can you find two common English words of eight letters each that satisfy these conditions?

1. The first four letters form a common word.
2. The last four letters are the same as the first four but are rearranged to form a different common word. (That is, the two halves are anagrams of each other.)

Now can you find a 10-letter word whose two five-letter halves are words that are anagrams of each other?

Edward S. Derman
Roslyn Heights, NY

Fourplay ★★

The city and state I live in, Philadelphia, Pennsylvania, both have the same number of letters. Can you think of a major city-and-state combination that consists of *four* words, all having the same number of letters?

Bonnie Accrin
Philadelphia, PA

Second-Best Poker ★★★

In this variation of poker, 10 cards are dealt to each player, from which two five-card poker hands must be formed. The special gimmick of this game is that each player must play the *lower*, not the higher, of his two hands. The problem, therefore, is to arrange the 10 cards to produce the best possible second-best hand.

Suppose you are dealt the following cards:

♠ 9 8 7 6 5
♥ 9 8 7
♣ 9 8

Were you to make one hand a straight flush (♠ 9 8 7 6 5), you would be left with only two pair for the second hand (9s and 8s). But a better idea is to make the higher hand a full house (8s and 7s), leaving three 9s in your lower, playable hand, which is better than two pair.

Now try the following puzzles.

1. The best possible 10-card deal is two straight flushes. What's the *worst* possible deal—i.e., the deal in which the best possible second-best hand is as bad as possible?
2. If the game used 15 cards per player instead of 10, and players had to play the best third-best hand, what would be the worst possible deal, assuming that the cards must be arranged to produce the best possible third-best hand?
3. If 20 cards were dealt and the fourth-best hand had to be played, what would be the worst possible deal (as before, assuming the cards are arranged to produce the best possible fourth-best hand)?

Joe Celko
Atlanta, GA

Answer Drawer, page 58

Your Move is an occasional column of comments and original puzzles by readers. We pay \$15 and up for each item published. Manuscripts may be edited for clarity, and none can be returned unless accompanied by a stamped, self-addressed envelope.

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Inserts Franklin Mint between pages 8-9

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DIRTY HARRY*	6017082
CADDYSHACK*	6023022
CASABLANCA	0507082
RISKY BUSINESS*	6033082
DUMBO*	5251052
THE WAY WE WERE*	1529002
ON GOLDEN POND	0523082
THE BIG CHILL*	1527022
THE MAGNIFICENT SEVEN*	0534212
YOU ONLY LIVE TWICE*	0710192
THE BLACK HOLE*	5283072
KRAMER VS. KRAMER*	1503182
KING KONG (ORIGINAL)	5502022
JANE FONDA'S WORKOUT CHALLENGE	5260042
OCTOPUSSY*	0856052
STAR 80*	6041082
NEVER SAY NEVER AGAIN*	6042072
TRON*	5263012
SPLASH*	5304022
THE LONGEST DAY*	0577032
STRIPES*	1513082
ROMANCING THE STONE*	0894092
THE AFRICAN QUEEN	0511022
PORKY'S*	0775112
FUNNY GIRL*	1511002
ALL THE RIGHT MOVES*	0881042
EDUCATING RITA*	1593012
STIR CRAZY*	1594002
NEVER CRY WOLF*	5305012
ADVENTURES OF ROBIN HOOD*	0526392
THE COMANCHEROS	0762242
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CHRISTINE*	1580062
THE MAN WHO LOVED WOMEN*	1624042
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If you want the Director's Selection, don't do a thing. It will arrive automatically. If you prefer an alternate title, or none at all, just return the card always provided by the date specified.

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Join today and we'll send your movie for just \$4.95, along with details of how the Club works. If you're not satisfied, return everything within 10 days for a full, prompt refund—no further obligation. So clip the coupon now. It's a great deal.

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☐ Charge my introductory movie(s) Z55/Z57 and future Club purchases to:

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Expires _____

Signature _____

☐ Also send movie # _____

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(\$29.95 or \$15.95 plus \$3.00 shipping and handling), which I'm adding to my payment above.

Name _____

Address _____

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Zip _____ Phone (____) _____

Note: CBS Video Club reserves the right to reject any application or cancel any membership. Offer limited to continental U.S. (excluding Alaska). Applicable sales tax added to all orders. CED Disc availability may become limited.

LETTERS

Envelope of the Month



I've entered contests, sent in Laundry, submitted Eurekas, but have never seen my name in GAMES. What do I have to do? Stand on my head and juggle fish?

Donna B. Lubin
Somerville, MA

Tasmanian Devils

I may live Down Under, but I'm on top of GAMES—I never miss an issue. One of the things that can spoil a puzzle for an Australian, though, is lack of knowledge about the American way of life. For example, in the "Calculex" puzzle (July, page 38), I couldn't have provided the name of a major league baseball team if my life depended on it.

To prove my point, I've devised a quiz to test Americans on their knowledge of Australiana. How well can your American readers do?

1. What do Australians often refer to as The Big Coat Hanger?
2. *Stubbies* can refer to two different things. What are they?
3. Which Australian state is known as the Sunshine State?
4. What is a Pommy?
5. On what animal's back is the Australian economy said to ride?
6. Where would you catch a yabby?
 - a) outside the airport
 - b) on a sports field
 - c) in the water

Les Valentine
Tasmania, Australia
Answer Drawer, page 60

Notes From Underground

Who is Scott Marley? I'd be willing to bet he's under 25 and has an IQ of 180 or better. I truly enjoyed his "Escape from the Dungeon" (December, page 17). Plaudits also to Carter Goodrich for his imaginative illustration.

Jacqueline P. Purtell
Orlando, FL

You must have missed the Wise Men's Convention where Balthus, the Dungeon-escaper, gave such an interesting speech. Here is an excerpt from his text:

"Having found myself captured in the labyrinthine dungeon, I started looking for a means of escape. In the room to the south-east of my location, I quickly found a flask of argon gas. Knowing that argon is tasteless, odorless, and won't support fire or even the breath of life, I cast it into the room near the exit where the fearsome dragon lay. Being a foul-tempered beast, he smashed the flask to bits.

"I soon discovered to my glee that the argon had worked nicely—the dragon lay belly up in his den. Holding my breath, I made my escape, and stand before you now, gentlemen, asking for volunteers to go back with me to recover a chest of jewels which I found in my nosing about . . ."

J. D. Shelton
Albuquerque, NM

For another method of escape, see *Eureka*, page 64.—Ed.

LAUNDRY

If a reader finds a significant error of fact or a mistake that affects the play of a game, and we agree the slip needs to be laundered, we'll print the first or best letter and send the writer a GAMES T-shirt.

Mistakes: December

★ In the crossword "Order Blanks" (page 31) 25-Down was incorrectly clued. "Romberg operetta, with 'The,' " isn't RED MILL—that work was composed by Victor Herbert.

Sylvia Gravely
Marietta, GA

★ The four elephants in "Riddle Boxes" (page 33) were coming down the sidewalk, not the street, as stated in the Answer Drawer.

Darla Hagedorn
Glenwood Springs, CO

★ Photo 3 in *Eyeball Benders* (page 62) isn't a rubber glove—it's an automobile ornament that waves hi from the rear windshield of the car in front of you.

Belinda Galvin
Dothan, AL

The Real Piltdown Man

I'm calling your bluff. Your series of "Call Our Bluff" puzzles (most recently "Ploys in the Attic," July, page 46) is written by one Jeremy Piltdown, who combines real items with hoaxes and asks us to figure out which are which. The Piltdown Man was the name given to a supposedly prehistoric man whose bone fragments were found in 1911 in Piltdown, Sussex, England. They were exposed 42 years later as a hoax. I suspect, then, that "Jeremy Piltdown" is also a hoax. Am I correct?

Monte Bingham
Lyford, TX

We're not saying. For more of Jeremy's handiwork, see page 42.—Ed.

For Better or Worse

Thanks a lot, GAMES. As soon as you're delivered every month, my wife gets a glassy-eyed look and doesn't come out of it until she's worked every puzzle. I've thought of having a crossword tattooed on my chest so I can get her attention.

Gene Shimandle
Bedford, OH

Abecedarian

After being accidentally referred to a non-existent answer to the pangrammatic phrase "Royal Flash" in December's Wild Cards (page 65), I was prompted to write this pangrammatic response, using all 26 letters of the alphabet at least once:

GAMES—Up to your old hijinx?

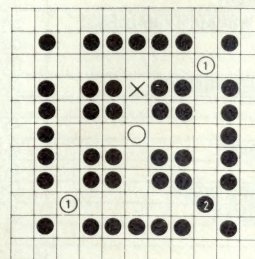
Went back for answer to no avail.
Found zip.—Querulous.

Dave Stafford
Okemos, MI

Q—Beg pardon. Just a crazy mixup. We've had flak.—Ed.

★ In reference to "Escapism" (Wild Cards, page 65), I find that "with best defense by Black" White cannot achieve his objective: to form a continuous chain from his position at the center of the board to an edge by placing two pieces per turn to Black's one. Proper defense requires that Black's initial piece (marked 2) be placed as shown, rather than at X, as in your answer. Black is now able to block any escape route that White attempts to construct.

J. Moriarty
Omak, WA



November

★ In the Wild Card "Time Out" (page 68), you forgot to take time out to move the Baltimore Colts to Indianapolis, where they relocated in March 1984.

Rev. Lance C. Dallaire
Fonda, IA

EVENTS

If you plan to attend any of these events, write or call to check entry fees, dates, sites, eligibility, etc. Include a stamped, self-addressed envelope with your request. If you know of other events suitable for this column, write to Events, c/o GAMES.

Chess Players can choose between two events this month:

- The U.S. Amateur Team East Championship, February 16-18, in Somerset, New Jersey, is open to any team of five whose average rating is under 2,200. Entry fee is \$68 per team by February 4, \$80 at the door. Contact: Entries, U.S. Chess Federation, 186 Route 9W, New Windsor, NY 12550, or call (914) 562-8350.

- The Third Bermuda International Open, February 1-3, in Bermuda, offers \$2,600 in total cash prizes, and is open to all members of the U.S. Chess Federation (players may join at tournament). Contact: Jerome Bibuld, 377 Westchester Ave., Portchester, NY 10573.

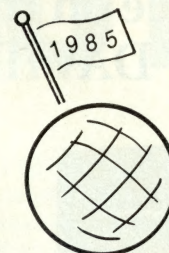
Crosswords A cerebral showdown will be held February 8-10 at the Great Western Crossword Puzzle Tournament in Los Angeles. Prizes total over \$1,000, and play is open to all. (Top three winners receive automatic entry to the GAMES/Merriam Webster U.S. Crossword Open in New York during August.) Evening games with audience participation, including a treasure hunt, are among the festivities. Contact: Great Western Crossword Tournament, 513 Wilshire Blvd., Suite 333, Santa Monica, CA 90403, or call (213) 670-9000.

Map Dash Travel to your heart's content in the 22nd Annual St. Valentine's Day Massacre. Entry material will be sent out through February 14; completed entries are due by March 1. Clues and the Rand McNally Road Atlas will be supplied for this hearthside journey from New York to San Francisco. Fee is \$28; the fees of entrants with perfect scores will be donated to the Statue of Liberty Restoration Fund. Trophies go to the most accurate travelers. Contact: The Massacre, Box 53, La Canada, CA 91011.

Science Fiction Games The theme of WAMCON '85, a science fiction-gaming convention in Hampton, Virginia, February 15-17, will be "Women in Science Fiction and Fantasy—No Longer Damsels in Distress." Gaming tournaments are scheduled in Diplomacy, Starfleet Battles, and many others. Flights of fancy include a costume contest, a party, and NASA displays and gaming. Fee is \$20 at the door. Contact: WAMCON, Box 2223, Poquoson, VA 23662.

Writing Contest The best of the worst will have the last word in the Fourth Annual Bulwer-Lytton Fiction Contest, through April 15, where in both juvenile and adult divisions the worst possible sentence for the beginning of a novel earns its author a Morrow word processor. Contact: Bulwer-Lytton Fiction Contest, San Jose University, San Jose, CA 95192, or call (408) 277-3363.

ANNOUNCING



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• Which U.S. President was born a King?

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• Which star of the TV show 'Taxi' is from Neptune?

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• Which American state has a Russian name?

Just as with our fall and winter contests, the Great Maltese Circumglobal Trophy Dash and the St. Valentine's Day Massacre, you have a money-back guarantee. Join us!

• Mary Decker and Zola Budd have run together in one race. Who won that race?

The Almaniac
P.O. Box 53 • La Canada, Calif. 91011

Entry fee payable to 'Almaniac': \$17.50 per entry. (If entering in Canadian funds, please add \$6)

name _____

address _____

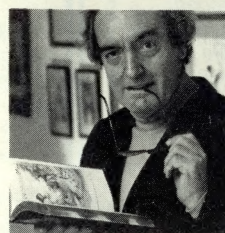
city _____ state _____ zip _____

We asked these three experts to
put a price on this edition of
Dickens' DAVID COPPERFIELD.

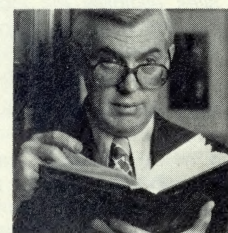
\$12.50.



"The raised spine is a giveaway. That's quality binding."
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Doubleday.



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PHILIP LYMAN,
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The page edges are gilded; the paper, itself, is crisp, opaque, specially milled and acid free to last for generations.

Many artists were commissioned for the project. And the illustrations are magnificent. (The color paintings by Thomas Rowlandson in *TOM JONES* make us tingle with pleasure.)

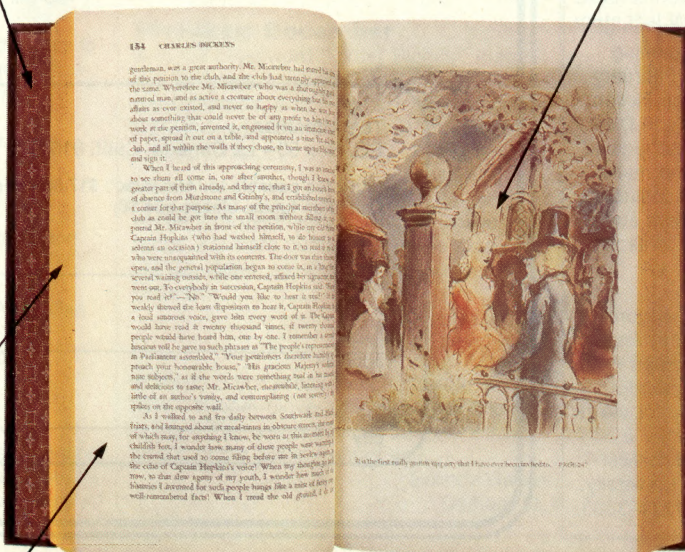
Distinctive endpapers, specially designed for the collection, and varied among the volumes.

Superb illustrations, many specially commissioned, including a number in full color.

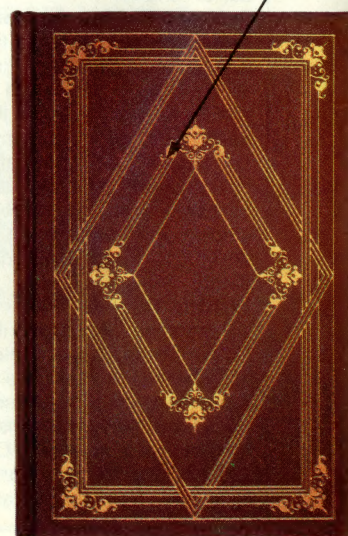
Each binding is individually designed: the copper cover dies are hand finished.

Hubbing—a valued characteristic of the traditional bookbinder's art.

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Specially milled, acid-free paper that will endure for generations.



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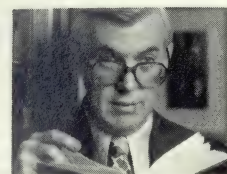
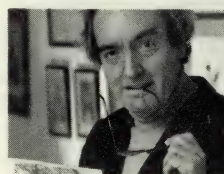
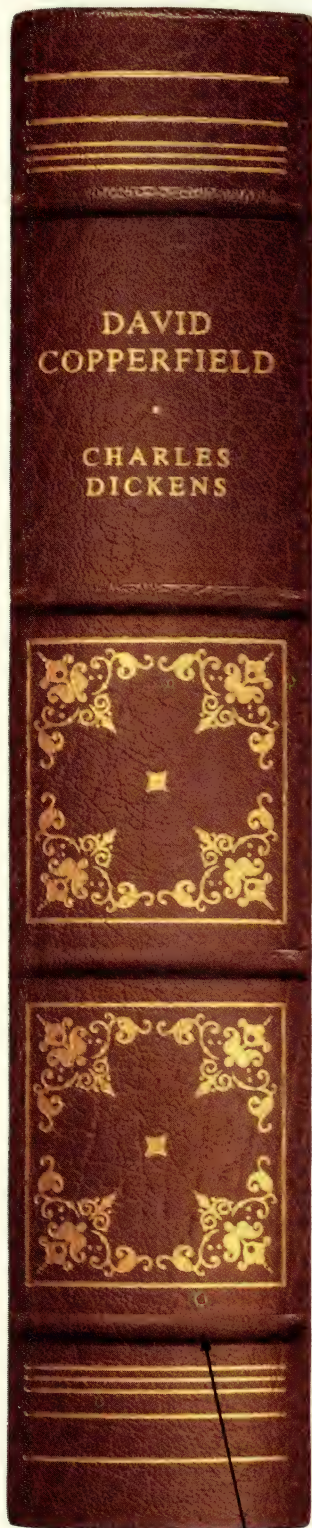
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GAMEBITS

Edited by Curtis Slepian

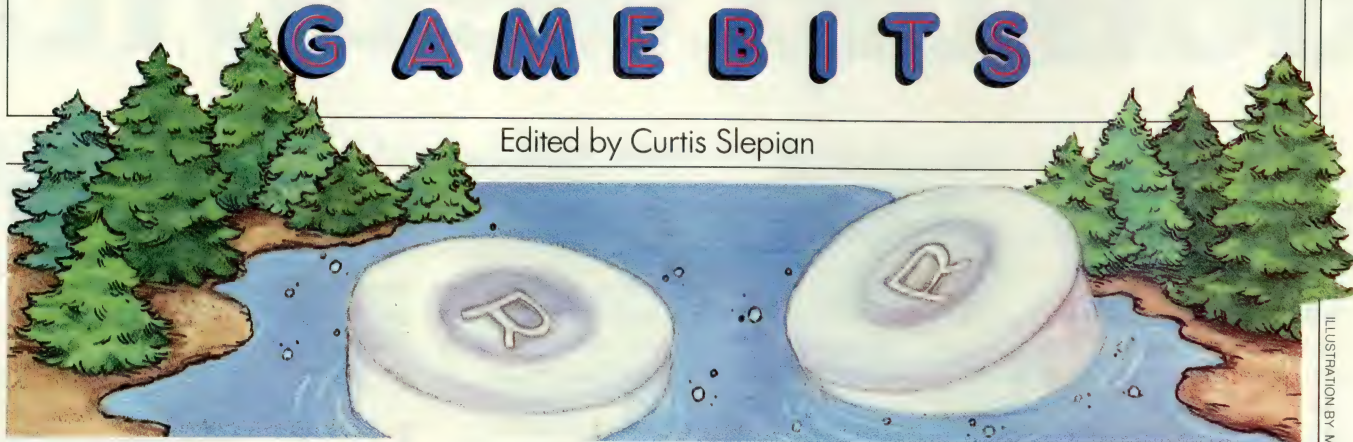


ILLUSTRATION BY MARYBETH FARRELL

That Was the Year That Was

Nineteen eighty-four had its share of major news stories: the Olympics, the Presidential elections, the turmoil in India. But while the nation eagerly followed these developments over morning breakfast, a number of less momentous but far more unusual events slipped right past most of our noses. We've gathered below some of the odder stories of the year—and added a fake for you to find. Judge for yourself whether truth is indeed stranger than fiction. —R. L.

1. Cabbage Patch madness reached the heights of absurdity when a New Jersey dentist started a camp for Cabbage Patch Kids. For \$30, owners could send their dolls to the camp, where the little stuffed tykes would take part in camp activities like cook-outs, arts and crafts, and swimming. After three weeks, they would be returned to their owners, each with a camp T-shirt and a group photo of the doll and its Cabbage Patch bunkmates.

2. How do you spell relief? To dramatize the problem of acid rain, Seattle artist Buster Simpson carved a series of giant 42-pound Roloids tablets and dropped them into six acid-polluted rivers and reservoirs in Washington and New York.

3. A doctor chaperoning a group of disabled people on a trip to the Vatican became tired and sat down in the only available seat, a wheelchair. Much to his surprise, a guard began wheeling him forward, despite his protests, to be received by the Pope. Moments after kissing the Pontiff's ring, the doctor rose from the wheelchair, folded it, and carried it off, prompting one witness in the shocked crowd to

gasps, "It must be a miracle!"

4. Alarmed by the movie *Red Dawn*, which depicted a Communist takeover of America, the residents of Spoke Gap, Colorado, took action. The town council passed a motion requiring children between 8 and 17 to take guerrilla warfare training, food supplies were hidden in the countryside, and an appeal was made to the Pentagon for tactical nuclear weapons, to be stockpiled under the high school gym.

5. After learning that the author of a book they were about to publish had forged a letter of recommendation that had brought the manuscript to their attention, Random House decided not to proceed with publication. The name of the book? *Telling Right From Wrong*, a work on moral philosophy.

6. Not only did Woody Allen appear in the movie *Broadway Danny Rose*, he also popped up in many dreams. In the book *I Dream of Woody*, Dee Burton, a Ph.D. in psychology, compiled the dreams of 80 people that involved the comic film-maker, including one in which Allen escorted the dreamer to

the moon and another in which he turned into Marlon Brando.

7. Two enterprising men from Ann Arbor, Michigan, said the answer to your problems is to watch more TV, not less. They are the inventors of "Expando-Vision," a computer program that flashes subliminal self-help messages on the TV screen. "Expando-Vision" can allegedly control smoking, reduce weight, and increase sex appeal by flashing phrases like "Eat less" and "I am sensuous" on the TV screen, right in the middle of *Dynasty*. Because it supposedly allows people to better themselves with no effort, its inventors call it "the perfect American product."

8. The Georgia Society of Certified Public Accountants held a day of races to celebrate the passing of the April 16 income tax deadline. Events included a one-mile run called the Short Form and a two-mile walking race called the W-2. The 10-kilometer course was lengthened by 40 yards to create the 1040-K road race.

Answer Drawer, page 64

Orange Crush

Yes, Charlie Brown, there is a Great Pumpkin. It was grown by Norman Gallagher and it weighs 612 pounds. Gallagher's pumpkin shattered all records for size in winning the International Pumpkin Weigh-Off, held last fall in Half Moon Bay, California.

More than 100 contestants from the U.S., Canada, and England hauled their pumpkins by plane, trailer, U-Haul, and car to Half Moon Bay. But when the last pumpkin tipped the scales, Gallagher, a retired logger from Chelan, Washington, walked off with the top prize of \$10,000 and a trip to Hawaii.

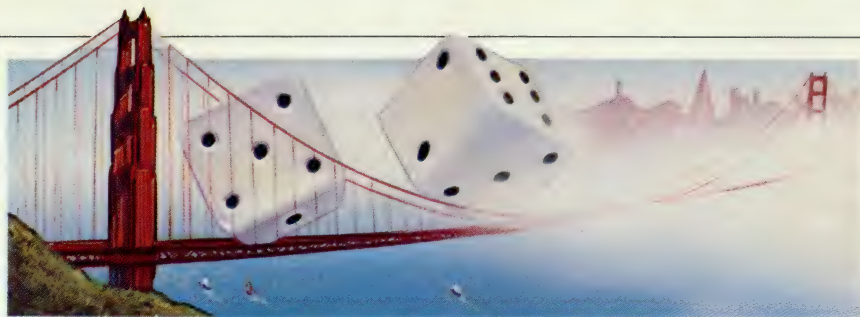
What's Gallagher's secret for grow-

ing humongous pumpkins? Start with an Atlantic Giant seed and use "lots of fertilizer." Though Gallagher estimates his pumpkin could be converted into 1,000 pumpkin pies, he chose instead to turn it into the world's largest Jack O' Lantern. —C. S.

Gallagher and his hefty pride and joy.



PHOTOGRAPH COURTESY OF NORTON PEARL PHOTOGRAPHY



Dice-A-Roni

Most guide books to San Francisco alert tourists to the city's more obvious dangers, like driving across the Golden Gate Bridge in the fog. But no Bae-deker has addressed San Francisco's most sinister danger: two innocuous-looking, brown leather cups used to roll dice. Though a few bars in other parts of the country harbor these gambling devices, in the city by the bay almost no bar is without them.

By far the most popular bar dice games among the scores that exist are Boss Dice, Liars Dice, and Five Thousand. In Boss Dice, players roll five dice and try to come up with the best poker hand. In Liars Dice, a player announces a hand made up of the dice in both his own set of five and that of his opponent, which he can't see. For example, if someone holding four 5s announces six 5s and is called, and there are six or more 5s among the 10 dice in both hands, he wins that roll.

In Five Thousand, players take turns rolling six dice and try to accumulate points in an unusual scoring system: a 5 is worth 50 points; a 1 counts for 100 (though three 1s rolled simultaneously count for 1,000); three of a kind count for 100 times their value

(e.g., three 4s are worth 400 points). There are many variations in the rules, but in all the games, the first player to reach 5,000 wins.

Most people in San Francisco play bar dice for a drink or a few dollars at most, but there's a story told by a bartender at Dante's, on Columbus Avenue, about a game for which considerably more was at stake. At the end of a long dice-playing session, the tale goes, the owner of a small drinking establishment discovered that he owed a local tough \$4,000. When the loser confessed he didn't have the money, the tough had him put up the bar as the stakes on one roll of the dice. If the bartender rolled high, said the tough, "we're even. If I'm high, you work for me as of tomorrow." The bartender rolled a two. The tough, smiling, slammed the cup on the bar top open end down (in the manner preferred by the experts). The die showed a one, and the bartender was still his own boss.

To tourists, bar dice games might seem determined by pure chance, but be forewarned: They're games of skill and, as in poker, it's important to know dice odds and your opponent. If you've got that important travel tip straight, San Francisco bar dice is no more hazardous than, say, a ride across the Golden Gate Bridge on a clear day. —R. D.

Give It Your Best Shot

Does creativity elude you? Do you marvel at the way computer game designers manage to dream up so many different plots and characters? If you answered "Yes!" to these questions, your troubles are over. Thanks to the Design-Your-Own Game Kit, presented at right, anyone can possess the stuff that genius is made of.

Before using the kit, take a hint from the programming pros: Computer games require action. They do *not* need the Ayatollah Khomeini, Chipendale furniture, racing Honda Accords, or histrionic death scenes. Remember, game players are restless and will turn

off a boring game faster than you can say floppy disk.

To begin your programming career, simply choose one item from each column, moving from left to right. Whatever the combination, it will be a winner. —Randi Hacker

THE DESIGN-YOUR-OWN-GAME KIT

CHARACTERS	SITUATION	ENEMIES	RESULT
Ape men	Ambush	Carnivorous elevators	advance to next level
Gung-ho marines	Attack	Communists	get girl
Humanoids	Chase	Cyborg guards	get key to the city
Intrepid explorers	Crash into	Evil aliens	go "splat!"
Lithuanian hard-hats	Eat	Munitions factories	make world safe for democracy
Mad bombers	Ravage	Mutant sandworms	return to home planet
Friendly aliens	Search for	Radioactive teddy bears	score 10,000 points
Pac-persons	Shoot at	Angry hamburger buns	take over universe
Robots	Sit on	Spaceships	turn into frogs
Spiders	Zap	Zombies	win \$1,000,000

Yawn to King Four

The brochure that came in the mail promised that my chess skill would positively improve. All I had to do was listen to four Pself-Psych Self-Hypnosis audio chess tapes each day for 21 days. Well, who knows? Maybe the Russians use this sort of thing to help Karpov's game. So I took a chance and sent for the whole series (Pself-Psych, Box 9472, N. Hollywood, CA 91609).

Side one of each cassette is called "Receptivity Conditioning" and contains the same 20-minute spiel, read in a flat, soothing—yes, hypnotic—monotone by a male speaker. "Loosen any tight clothing," he drones. "Make sure you're in a position to become totally relaxed."

Having just barely stayed awake through this monologue, I was now presumably conditioned to be receptive to side two, entitled "Improving Your Chess." Here, and on side two of the other three tapes ("Overcoming Intimidation," "Maximizing Your Chess Study," and "Efficient Use of the Time Control"), some good general advice was mingled with ego-boosting compliments: "All your limitations are illusions . . . You're brilliant and you're getting steadily, rapidly better."

Although I had listened to side two of all four tapes only once instead of the requisite 21 times, I felt ready to put my newfound brilliance to the test. I slipped a chess program into my computer, set it at its highest level, and began to play. Ten moves later my conscious mind tried to tell me I had an inferior position, but I ignored it. A few moves later my position had deteriorated further, and finally both my conscious and unconscious minds had to agree that things looked grim. However, there was one last stratagem that wasn't suggested in the tapes. On my next turn to move, I typed: "Your microchips are getting very heavy. It's becoming difficult to keep your circuits open . . ." —B. H.

Sweet Heart

Chocolate. Is there anyone, even a macrobiotic, who isn't a slave to that sweet passion? What chocolate lover hasn't experienced the bliss of dipping into a giddy assortment like the one below, anticipating the melting warmth on the tongue as the morsel is brought to the lips and then delicately nipped . . . only to find that it's filled with coconut!? Yecch!

In order to spare you such a catastrophe, we've provided clues to the filling that hides within each of the 20 chocolates in this box. With these clues, you

should be able to identify each piece without gaining a single calorie. Now, so you can avoid it, where *is* that coconut?

Answer Drawer, page 58

1. The mint creme is adjacent to the truffle.
2. Both the chocolate nougat and the vanilla nougat are milk chocolate (the lighter brown) rectangles.
3. The strawberry cordial is directly between the shell-shaped piece and the rectangular nut chew.
4. The chocolate fudge and the liquid cherry are foil-wrapped.
5. The raspberry cordial is directly between the square marshmallow and the vanilla creme, all three along the side of the box.
6. The Brazil nut, in milk chocolate, is not adjacent to the chocolate nougat.
7. Four of the six cremes—butter, orange, rum, and vanilla—are round, and all six but the rum are dark chocolate (dark brown).
8. The caramel, in dark chocolate, is adjacent to both the butter crunch and the chocolate fudge.
9. The maple nut is adjacent to both the mocha creme and the butter creme; none of the three is along the edge of the box.



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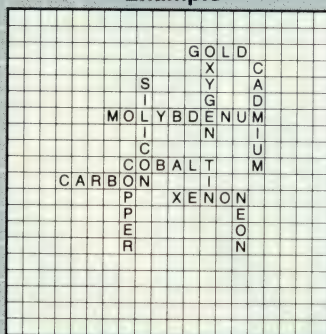
A CHALLENGE IN WHICH LEAD IS WORTH MORE THAN GOLD

The ancient alchemists never succeeded in turning lead into gold. But in this contest, it's possible to turn it into a prize-winning grid.

The object is to fit the names of the chemical elements into the grid (below right), interlocking them crossword-style. Points are scored according to each element's atomic number, from 1 point (for HYDROGEN) to 103 (for LAWRENCIUM). The elements that may be used, and their atomic numbers, are listed at right. No other element names or alternate spellings are allowed; neither is any element with an atomic number greater than 103. The following rules must also be observed:

1. No element may be used in the grid more than once.
2. Each element must be entered, one letter per square, so that it reads continuously either left to right within a row or top to bottom within a column. There may be no empty squares separating the letters of an element's name.
3. If two or more elements appear in the same row or column (like OXYGEN and TIN in the example below), at least one empty square must separate them.
4. Your completed grid may not contain any words other than the 103 element names; and it may not contain any nonwords (two or more adjacent letters that do not spell one of the 103 elements in the list).
5. All elements in your grid must be linked to each other either directly or through an unbroken chain of other elements. Thus, if the I were removed from TIN in the example grid, the entry would be invalid because XENON and NEON would not be linked

Example



Total Score: 367 points

Scoring Each element scores the number of points equal to its atomic number (the number of protons in the nucleus of its atom). The elements in the example have atomic numbers 6, 8, 10, 14, 27, 29, 42, 48, 50, 54, and 79, for a total of 367 points.

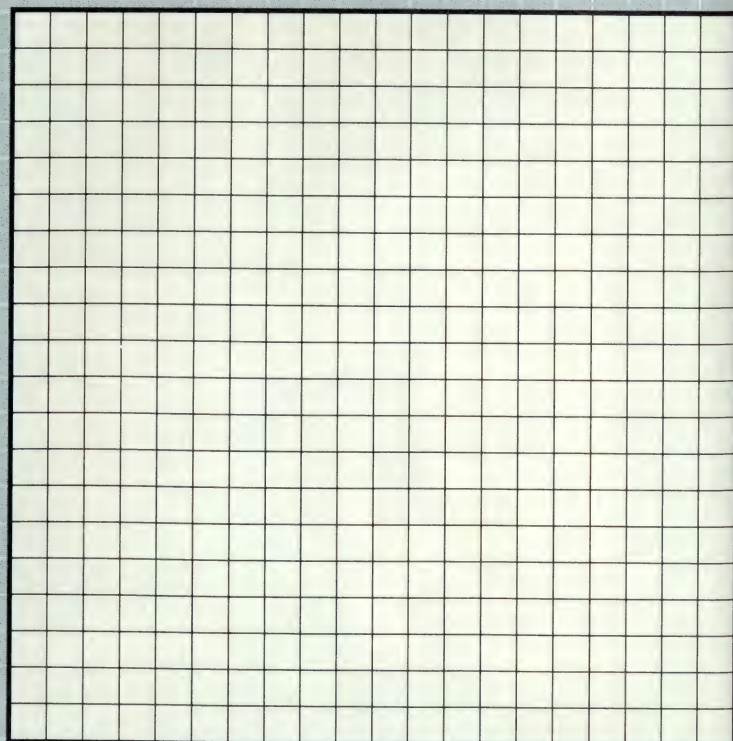
Winning The entry with the highest score wins. Ties, if any, will be broken by random draw.

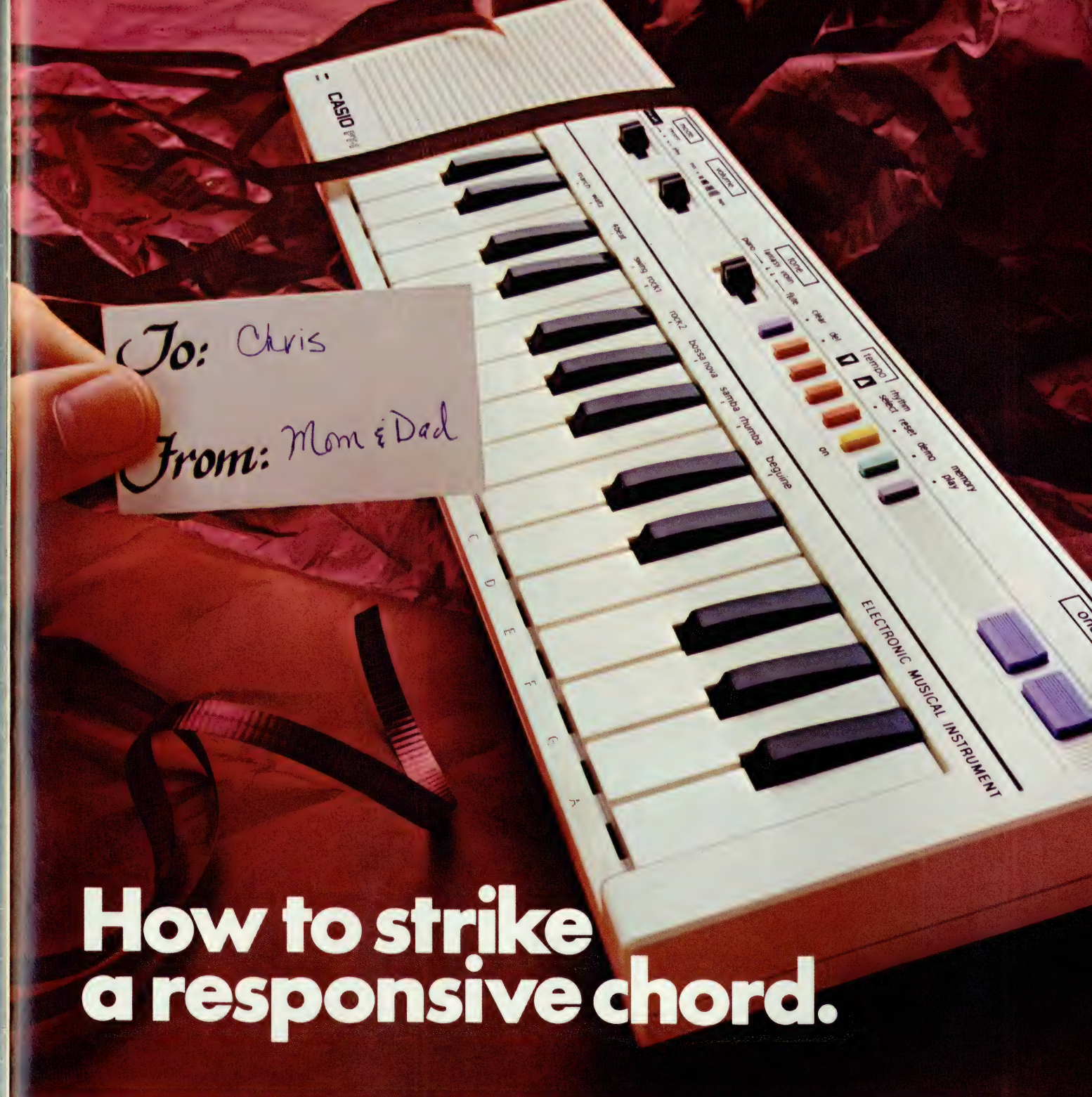
—R. W. S.

Send your completed grid (or a facsimile or photocopy), along with your total score, to It's Elementary, GAMES Magazine, 515 Madison Ave., New York, NY 10022. You may enter more than once, but each entry must be mailed separately. All entries must be received by March 5, 1985. IMPORTANT: You must write your total score on the back of your envelope.

The Elements and Their Atomic Numbers

HYDROGEN.....1	KRYPTON.....36	YTTERBIUM.....70
HELIUM.....2	RUBIDIUM.....37	LUTETIUM.....71
LITHIUM.....3	STRONTIUM.....38	HAFNIUM.....72
BERYLLIUM.....4	YTTRIUM.....39	TANTALUM.....73
BORON.....5	ZIRCONIUM.....40	TUNGSTEN.....74
CARBON.....6	NIObIUM.....41	RHENIUM.....75
NITROGEN.....7	MOLYBDENUM.....42	OSMIUM.....76
OXYGEN.....8	TECHNETIUM.....43	IRIDIUM.....77
FLUORINE.....9	RUTHENIUM.....44	PLATINUM.....78
NEON.....10	RHODIUM.....45	GOLD.....79
SODIUM.....11	PALLADIUM.....46	MERCURY.....80
MAGNESIUM.....12	SILVER.....47	THALLIUM.....81
ALUMINUM.....13	CADMIUM.....48	LEAD.....82
SILICON.....14	INDIUM.....49	BISMUTH.....83
PHOSPHORUS.....15	TIN.....50	POLONIUM.....84
SULFUR.....16	ANTIMONY.....51	ASTATINE.....85
CHLORINE.....17	TELLURIUM.....52	RADON.....86
ARGON.....18	IODINE.....53	FRANCIUM.....87
POTASSIUM.....19	XENON.....54	RADIUM.....88
CALCIUM.....20	CESIUM.....55	ACTINIUM.....89
SCANDIUM.....21	BARIUM.....56	THORIUM.....90
TITANIUM.....22	LANTHANUM.....57	PROACTINIUM.....91
VANADIUM.....23	CERIUM.....58	URANIUM.....92
CHROMIUM.....24	PRAESODYMIUM.....59	NEPTUNIUM.....93
MANGANESE.....25	NEODYMIUM.....60	PLUTONIUM.....94
IRON.....26	PROMETHIUM.....61	AMERICIUM.....95
COBALT.....27	SAMARIUM.....62	CURIUM.....96
NICKEL.....28	EUROPIUM.....63	BERKELIUM.....97
COPPER.....29	GADOLINIUM.....64	CALIFORNIUM.....98
ZINC.....30	TERBIUM.....65	EINSTEINIUM.....99
GALLIUM.....31	DYSPROSIUM.....66	FERMIUM.....100
GERMANIUM.....32	HOLMIUM.....67	MENDELEVIUM.....101
ARSENIC.....33	ERBIUM.....68	NOBELIUM.....102
SELENIUM.....34	THULLIUM.....69	LAWRENCIUM.....103
BROMINE.....35		





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EN YEARS AGO, Louie Roberts, the man they call "St. Louie Louie," was riding high. He was young, free, and, to his mind, the best pool player this side

of Willie Mosconi. A product of solid, middle-class America, Roberts had been a gymnast, a pole vaulter, and a two-miler in high school, as well as an A student. Then, in his senior year, his father bought a pool table. Louie became obsessed with the game. His grades fell, he lost interest in the track team, and he gave up an athletic scholarship to Williamsville College. Now, just out of the Air Force, he was on the road, trying to earn a living at the game for which he'd sacrificed so much.

As he had done in all the \$5- and \$10 towns between St. Louis and the Gulf of Mexico, Roberts roomed into New Orleans in his new Ford Mustang to take on any local pool player who dared to challenge him. He got plenty of action and kept playing and winning—10 hours, 20 hours, 30 hours.

"There is no better high in the world," Roberts says, "than when you're in tune with the table and the balls and your stroke, and you're beating on somebody and playing the game flawlessly."

As the hours wore on, the locals, desperate to recoup their losses, kept raising the stakes, and soon Roberts started to lose. He was better than these guys, but he was exhausted. Yet he could not bring himself to pack up his cue stick and leave.

Roberts's final opponent challenged him to a game for more money than he now possessed. But full of brio and not a little macho, Roberts put up his new Mustang against his opponent's thousands, and the game was on.

And when it was over, the nameless winner placed Roberts's luggage on the sidewalk, gave him \$50, and said, "Good luck, kid." Then he drove away in his new prize. St. Louie Louie Roberts, barely 22 years old, had just gone from king of the pool room to insolvent itinerant on a New Orleans sidewalk. Such is the life of a professional pool player.

"There isn't a pool player in this tournament who hasn't been stuck at one time or another, 2,000 miles from home without a dime in his pocket," said former U.S. Champion Harry "The Horse" McConnell over drinks in Caesars Palace's Galleria Lounge dur-



ing the Caesars Nine-ball Classic in Las Vegas late last summer.

Or, as a good old boy from North Carolina once put it, "One day it's chicken, and the next day it's feathers." St. Louie Louie had had his share of both, and now he was one of 96 professionals who had converged on the high-ceilinged Coliseum Room at Caesars to vie for \$86,000 in prizes. The best players in the land were present: dapper, sharp-eyed Mike Segal, from Rochester, New York; Buddy Hall, from Richmond, Kentucky, scruffy and laid-back; "King James"

POCKET MONEY

In the roller-coaster world of professional pool, "one day it's chicken, the next day it's feathers."

Rempe, from Scranton, Pennsylvania, the tall, thin, businesslike winner of more than 70 national and international tournaments; young Earl "The Pearl" Strickland, from Houston, the rising star of the game; Mike Massey, from Chattanooga, the great trick-shot artist; and a host of pool legends, former champions, and up-and-comers.

The Galleria, between the hotel lobby and the main casino, is one of Las Vegas's most popular trysting places. However, on the night before the final matches of the Classic, the room was filled with ill-dressed, noisy young men carrying their precious cue sticks in leather cases. All of them seemed to be talking at once, yet heard above the din was the Texas twang of Earl Strickland, the brash 23-year-old who was among the final four in the next

day's matches. The Pearl was talking about the difficult bank shot he sank to seal his quarter-final match.

"... And I said to myself, 'Well, I've banked this ball a million times. Now how am I going to miss?' And I got down and fired it in. I didn't even look at the ball going in. I shot it and watched my cue ball. I knew the ball was going in. You got to have that confidence in a spot like this."

Someone in the Galleria asked him how he'd done in recent tournaments. The boyish voice grew louder: "Second in Madison, North Carolina, third in the Miller Lite, first in the McDermott Open, first in the Houston Open, first at Caesars Lake Tahoe." Strickland probably would have loved to tick off his triumphs over the public address

system for everyone in the casino to hear: Earl The Pearl, the man to beat.

"These guys have been all over the country, sleeping in motels, eating in diners, and not making a lot of money, living by their wits, getting seasoning," said Harry The Horse in his deep, crackling

voice. "But when the money's down, they perform."

Harry, now 49 and endowed with a flourishing pot belly, packed in his road show back in 1972 with \$90,000 in his pocket, and settled down in Palm Springs, California. He makes a handsome living gambling at poker, golf, pool, and just about anything else where he's got an edge. He's also promoted pool tournaments around Los Angeles, and gives pool lessons at \$100 an hour.

Age wasn't the main reason Harry The Horse quit the road after 10 years of hustling. The real problem for any top-flight pool player is that once he's traveled across the country a few times, he becomes known and few people will play him for serious money. When someone sinks a triple combination shot or runs five or six racks in a row, his opponent can have no illusions about who the better player is. As Louie Roberts puts it, "Most good players from major cities wouldn't bet a grape against guys like me if they owned the entire vineyard."

"Pool is the only game," lamented Champagne Ed Kelly as he sat eating hot dogs in the Coliseum Room, "where the better you get, the less money you make. Once you get a reputation, nobody wants to play you."

As a teenager, before he got his

Contributing Editor Roger Dionne often reports on the Las Vegas scene. His best pool game is water polo.

By Roger Dionne



reputation, Kelly was beating every pool player in Waterbury, Connecticut, then every pool player in nearby New Haven. After quitting high school and running away to New York City, he beat everyone there, too, then moved on to Baltimore, Augusta, Los Angeles, Salt Lake City, and on and on.

"It was like a picnic before I was known around the country," he said. "I didn't think it would ever end."

In 1971 Kelly won the Los Angeles Open, which gave him the rep that ended his career as a road gambler. However, there wasn't much money in tournament play either; so he quit pool altogether to become a blackjack dealer in Las Vegas. Only last year did he return to his first love.



AVID HOWARD waxes similarly nostalgic about his youth on the road. "It was real sweet," recalled Howard, 31, who left home to play

pool when he was only 12. But even before that, Howard had a notarized card from his parents giving him permission to be in the local pool hall near their Jacksonville home. "I was making all kinds of money, and I had better habits than I do now."

In the Galleria Lounge, Buddy Hall, now in his 30s, remembered the time early in his road career when he walked into a pool room across from the Caterpillar plant in Peoria, Illinois. The place was full of hustlers, and Hall had only \$127. But in three days he parlayed that \$127 into \$20,000.

There were, to be sure, occasional contretemps. In Jacksonville, David Howard was dragged to the floor by a player who'd lost \$150 to him; he escaped when a friend attacked his assailant with a cue stick. Louie Roberts was beaten up in Indianapolis over a mere \$35 and again in Kansas City over \$50. "The people who get in trouble around pool are the fringe people," said Harry The Horse. "When most people lose, they pay off and say, 'I'll get ya next time.' Others lose and say, 'Well, that did something to my manhood. You want to fight?'"

The conversation in the Galleria drifted to other subjects pool players like to talk about—the difficulty of keeping a wife; tournament promoters; the need for a professional players' association similar to those in baseball and football; the famous Hustlers Tournaments that used to be held annually in Johnson City, Illinois, where thousands of dol-

lars changed hands among the gamblers until the feds raided the event in 1972; the legends of the game like Irving Crane and the master of con, Detroit Whitey.

Eventually the Caesars players drifted from the Galleria to try their hand at the gaming tables or to take in Wayne Newton in the Circus Maximus showroom or to sample other adventures in Las Vegas's neon night. Earl Strickland's big adventure would come the next afternoon, when he would be playing David Howard in a semi-final match.

Earl The Pearl discovered pool at the age of 11, as he trailed after his father during the latter's rounds of whiskey-drinking back in Roseboro, North Carolina. Sometimes the drinking took place in pool halls, and one day the kid tried his hand at the game. He sank the first ball he ever hit and was quickly recognized as a natural.

At the age of 14, like Ed Kelly, David Howard, and many other young men who become pool professionals, Strickland ran away from home. "Nobody knew where I was. I went all over. I went anywhere that anybody would play." In all, Strickland played pool on the road for six years before migrating to Houston, where he now shares a large, comfortable apartment with his girlfriend. When he's not shooting pool, he likes to swim in the apartment-complex pool and play tennis and golf, both of which he claims to play quite well.

If things are fairly comfortable for Strickland now, they were quite different a couple of years ago. Although he had burst onto the professional tournament scene in 1982 with decisive victories in the Dayton Open and the Akron Open, at the 1983 Caesars Lake Tahoe Nine-ball Championship he found himself flat broke, and the pressure on him was tremendous.

"I ain't had nothin' to eat in two days," Strickland remembered. "I ain't got no money, and this guy that I never have played, never have seen him before, has got me 5 to 0. And I'm sittin' there, and I don't know what to do. I'm sittin' there, and I've got the stick, and I'm bendin' it, and I'm watchin' him run out, and I'm bendin' it, and finally he's down to the nine, the last ball he needs to win the game. All of a sudden my cue stick snaps. It went dead in half right in the center of the shaft."

But Strickland came through. Down

6-0 and using a borrowed cue stick, he won nine games in a row to win that match, and he went on to take the tournament and the \$25,000 first prize. Still, his predicament points up the precarious financial position of professional pool players in general. Once they enter the tournament circuit, they're "exposed" as highly skilled players and cannot find games. Nor is it easy to make decent money in tournaments, few as they are.

The Caesars Classic in Las Vegas last August is a case in point. First prize was \$25,000, which is nice. But the prize monies tumbled steeply after that. Considering the tournament entry fee and expenses, any player who finished lower than eighth almost certainly ended up with a net loss.

That's why Buddy Hall, who once pocketed \$20,000 in three days in Peoria and who won an incredible 11 of 14 major tournaments in 1982, now spends much of his time behind a desk in Richmond, Kentucky, as a sales representative for Mucci pool cues. And why Mike Massey gives trick-shot exhibitions around the country. It's also why Larry Hubbard, who used to think nothing of gambling for \$1,000 a game when he was still an unknown player on the road (an "undercover man" in pool parlance), went into business with fellow pool pro Terry Bell, running amateur eight-ball leagues and tournaments around the country for Anheuser Busch.

When a pool pro doesn't have another job or a company like Mucci behind him, more often than not he has a private backer. Even Earl Strickland, who's been on a roll since his 1983 Lake Tahoe victory, now has a Houston backer named Monroe Brock. The backer normally pays all tournament entry fees plus expenses in exchange for half of his player's prizewinnings. The backer also puts up money for any side games that might be arranged.

While eight-ball is far and away the most popular pool game among amateur players, the pros favor straight pool, one-pocket, and nine-ball. Most agree that straight pool and one-pocket in particular demand more skill. However, nine-ball is the preeminent tournament game because it's fast, exciting, and easily understood by spectators.

Straight pool tends to be all offense. Since a player can shoot at any ball he chooses, it's not unusual to see an expert sink 90 or 100 shots in a row, monotonously running one rack of 15 balls after another. On the other hand, one-pocket is a game of defense. Each



of two players has a designated pocket in which to sink the balls; so it's important to keep the cue ball out of range of an opponent's pocket. Two players might jockey for position for 10 or 15 minutes before either of them has a clear shot to sink a ball in his own pocket. One-pocket is pool's strategy game *par excellence*; many of the players compare it to chess.

In nine-ball, players must shoot at the one ball first, then the two, the three, and so forth. The first player to sink the nine-ball wins the game; nine games wins a match. Normally a player tries to sink the nine only after the first eight balls have been cleared from the table, but he can also try to sink the nine on a combination shot. For example, if the one, two, and three balls have dropped, then the four is the object ball. Instead of trying to sink the four and get position on the five, a player might see an opportunity to hit the four ball into the nine and thereby sink the nine. If he succeeds, he has an instant win. Occasionally the nine ball will drop into a pocket on the break, in which case the player who broke wins the game with one shot.

It's this luck factor in nine-ball that causes some players, like Grady Mathews, to grouse about its premier status in tournament play. "It's one of the great sadnesses of my life that they play nine-ball," Mathews observed somewhat melodramatically. "For a professional player to spend his whole life learning how to play the game and then come to a tournament where the very first shot is one where you knock the hell out of the balls and hope you luck one in doesn't appeal to my sense of idealism at all."

However, this greater degree of luck is perhaps the reason tournaments emphasize the game. Without it, players just below the skill level of the Mathewses and Stricklands might not bother to show up. What's more, nine-ball is clearly the best spectator sport of all pool games.

"Straight pool and one-pocket are relatively slow," says Ed Kelly, "and the balls don't tell you how to play. So the majority of the public doesn't understand these games. But even someone who's never held a cue stick knows if a guy's shooting on the five he's trying to get to the six, and when the nine goes in, he's won."

Nine-ball also provides the most scintillating shots. In straight pool a player will opt for an easy shot at the nearest ball, but in nine-ball he must shoot at a specific ball—the next one in the sequence—even if it means

banking the cue ball off three rails to get to it.

Earl Strickland didn't look concerned with shots, tricky or otherwise, as he stood quietly sipping a glass of water while David Howard paced around under the ESPN television lights in Caesars' Coliseum Room before their semi-final match. Howard was having an excellent tournament. He had trounced Buddy Hall in his first-round match, 9-2. Later he had come from behind to defeat Mike Segal, 9-8, in perhaps the best-played match of the tournament. But now the serious money matches were beginning, and he was facing Strickland, the hottest player on the circuit. He was clearly nervous, while Earl The Pearl radiated confidence.

In the first game, Howard misplayed the three ball and Strickland pounced on the opportunity, sinking every ball on his turn to go ahead 1-0. He then ran the table again to go up 2-0. Howard started "dogging it," as pool players say, playing tentatively, worrying about missing, and before he knew it Strickland had opened up a 4-0 lead. He never looked back, defeating Howard 9 to 4.

Terry Bell, of Lake St. Louis, Missouri, was the surprise finalist against Strickland that evening. He had been more or less retired from pool since 1980, when he and Larry Hubbard started running the Busch amateur pool leagues, but now he was calm and relaxed in a white polo shirt and neatly pressed slacks, looking not unlike a straight-arrow golfer on the PGA tour. There was an aura of fresh air and freshly mowed grass about him. In his turn, Strickland had the pale, intense look of a young man who made his living under electric lights late at night and without another job to fall back on.

With more years of experience than his heavily favored opponent, Bell began the match brilliantly. Knowing that Strickland liked to play fast and aggressively, Bell deliberately slowed the pace, hitting safeties (putting the cue ball in a position that makes it impossible for an opponent to get a clear shot at the object ball) whenever possible. Strickland started getting impatient, and after 10 games, to the dismay of the 500-odd spectators who had gathered for the final, Bell was ahead 6 to 4. Even the cocky Strickland was beginning to sense an upset.

Then the luck factor of nine-ball came into play, in this case to the ad-

vantage of the favored player. Bell scratched on the break in the 11th game, inadvertently sinking the cue ball, and Strickland proceeded systematically to sink all nine balls in order and bring the score to 6-5. Just as important, he found his stroke and regained his self-assurance.

In the next game, Bell again found himself in trouble when he misplayed the six ball; Strickland leaped from his chair and quickly sank the six, seven, eight, and nine to even the match at 6. Now Bell started feeling the pressure. In the next game, he missed an easy shot on the seven and Strickland, smelling blood, sank the seven, eight, and nine in 10 seconds flat, fairly running around the table to get the job done. Strickland never lost another game, winning the match 9-6 and the Caesars Classic Nine-ball Billiard Championship. He didn't quite have the chutzpah to shout "I'm the greatest!" but one sensed that he strongly believed it.



IN THE GALLERIA Lounge, Earl The Pearl, Buddy Hall, and Harry The Horse were celebrating when St. Louie Louie Roberts showed up.

"Who's buying me a drink?"

Knocked out of the Classic before reaching the money rounds, Roberts told them how he'd beaten somebody for \$100 in a game of pool. Then he'd gone across the street to the MGM Grand and turned the \$100 into \$2,700 playing blackjack. But instead of locking up his win, he proceeded to lose every penny of it back to the casino.

"I arrived in Las Vegas with no money," Roberts said. "My car back home is in pawn. But I'll guarantee you one thing. I'm having the greatest time of my life. You know why? Because I don't ever give up. As long as I got one chip or one dollar in my pocket, I got a chance. A pool player is the strongest living human being. He's got no fear."

Earl The Pearl laughed offhandedly. Fat with a \$25,000 score, he was riding high—at least for this week.

St. Louie Louie, who'd won numerous championships during the past decade, was back on that New Orleans sidewalk all over again, 1,000 miles from home and dead broke.

There was a strained silence.

"Drinks for everyone!" Harry The Horse suddenly commanded a cocktail waitress, and everything in the Galleria was all right again.



PHOTOCRIME BY MARY ELLEN SLATE

HOMECOMING

Photographs by Kimberly Butler

★★

For their 15th college reunion, four old friends gathered at the home of Benjamin Dewey near dear old State U. Ben was a successful chain-store owner who had lately turned to politics and was mounting a gubernatorial campaign.

First to arrive was Chucky Lyon, the ever-joking member of a fun-loving TV news team. Now that he was in the running for an anchor job on a major network, he insisted on using his full name—Charles Steward Lyon—and was taking voice lessons to make him sound less like Ted Baxter and more like Dan Rather.

The only woman in the group was Miriam Staben. Mimi had just been made a partner in a staid law firm, and had given herself a complete personality overhaul to fit the image: tweedy and trustworthy.

Least changed of the four was Ray "Bozo" Marunas. A putative travel writer, the downwardly mobile Bozo traveled more than he wrote and scraped along by selling an occasional magazine article and by flattering the egos of rich older women.

The reunion began well, with Ben breaking out bottles of vintage wine (photo 1)—"a bottle for each of our four years at S.U.," he proclaimed, uncorking a "freshman year '66 Margaux.

But the good vibes evaporated in an instant when Bozo dropped his bombshell: "Upstairs is the manuscript of a book I'm dedicating to you three. It's all about our years at college—and I mean *all*," he said maliciously. "By the way, Ben, I'm calling it *The Wrong Stuff*. Maybe you can use it as a campaign slogan."

As the photos and captions that follow will tell, Bozo paid for his revelation with his life. Can you figure out how he died? *Answer Drawer, page 58*

Bozo had been sipping rather freely when he made his fateful announcement (photo 2). He then picked up the remaining three bottles of wine and turned to go inside, chortling, "I'll be happy to keep these company tonight."



Despite the shock, Ben insisted the reunion continue as planned. He left Mimi and Chucky to speculate on the contents of the book (3) as he went inside to prepare Irish coffee. When he returned a while later, thunder rumbled and a soaking rain began to fall (4), and the three scampered inside. With so much to lose by the scandalous revelations in Bozo's book, none of them slept well that night.

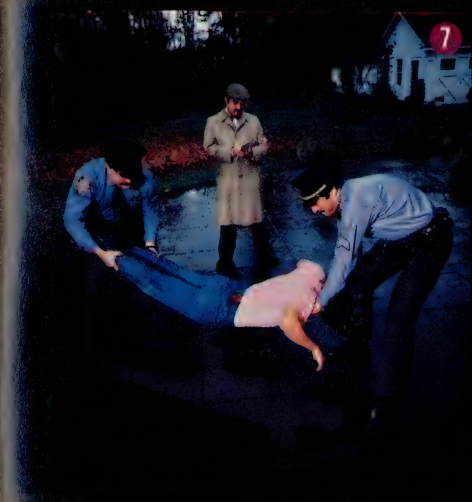
The next morning...



5



6



7



8



9

To no one's surprise, Bozo wasn't at breakfast the next morning. Feeling edgy, Mimi looked out the window at the waterlogged landscape and suddenly screamed. Ben rushed to her side (5) and stared out at Bozo's crumpled figure lying in the driveway. "We'd better call the police," he said.

Filled with morbid curiosity, the three climbed upstairs to Bozo's room and found the window over the driveway wide open—just like the three empty bottles of wine Bozo had taken to bed with him (6). "This is obviously an accident," said Mimi, "but we shouldn't move anything until the police get here."

The police didn't take long to arrive, headed by the underappreciated, underutilized, and underpaid Detective Fritz Kramer. After two patrolmen had removed the corpse (7), and Bozo's shattered wine glass had been found nearby in the bushes, Kramer questioned the three friends. They told him every detail of the previous day's events—except for any mention of Bozo's fateful book.

Kramer shambled up to Bozo's room and, after an interval that seemed to last an eternity, asked the three alumni to join him. Laid out neatly on the bed were all Bozo's belongings (8). "Are you sure *nothing* was removed from this room?" Kramer asked. They all nodded, but silently wondered if Kramer had found the manuscript and had had time to read it.

Kramer fixed the group with a long stare (9), then said slowly, "Since you're sure nothing was removed from the room, I have something unpleasant to tell you. Mr. Marunas did not fall out the window—he was pushed." He paused. "And I know who pushed him."

"Some reunion," said Mimi sourly.

A TELEPHONE TRIVIA
QUIZ THAT PUTS
YOUR KNOWLEDGE
ON THE LINE

Ring Out the Old, Ring In the New ☆

BY ROBERT LEIGHTON

Not since the monolith encountered by our anthropoid ancestors in *2001: A Space Odyssey* has any single invention so changed our lives as the telephone. With the push of a few buttons we can now reach out across oceans and continents, gossip with friends in Paris or Nepal while still in the bath, sell insurance without wearing out shoes, wake up strangers in the middle of the night.

But what do you really know about this ubiquitous machine? Let your fingers do the walking through this quiz, and when stuck, dial the Answering Service, on page 64.

It's For You, Mr. Bell

1. Alexander Graham Bell applied for the telephone patent how long before rival inventor Elisha Gray filed for a similar invention?

- a) three hours
- b) three days
- c) three weeks
- d) three months

2. What was Bell's occupation before he started to experiment with telecommunication devices?

- a) messenger boy
- b) teacher of the deaf
- c) telegraph operator
- d) Fuller Brush man

3. Thomas A. Watson, Bell's assistant, was in many ways instrumental to the development of the telephone. What innovation that changed the way we use the phone can be credited to Watson?

- a) the ring
- b) the one-piece headset
- c) the telephone coin box
- d) the phrase "Don't call us—we'll call you."

Famous Firsts

1. What were the first words ever heard over the phone?

- a) "Mary had a little lamb."
- b) "Mr. Watson, come here. I want you."
- c) "Can you hear me, Mr. Bell?"
- d) "I'm sorry, that number is not in service at this time."

2. A Mr. J. Emery, of Charlestown, Massachusetts, had the dubious distinction of being the first person ever to pay a phone bill. Paid on May 30, 1877, it covered charges for the use of two phones for one full year. How much was the bill?

- a) 50 cents c) \$20
- b) \$4 d) \$55

3. Today, nearly everyone in the U.S. answers the phone with "Hello?" But in the telephone's earliest days, people answered calls by saying:

- a) "Ahoy."
- b) "_____'s wire" (recipient's name in the blank).
- c) "Who is it?"
- d) "Ready."

4. Who was the first President to have a phone on his desk?

- a) Franklin D. Roosevelt
- b) Teddy Roosevelt
- c) Herbert Hoover
- d) Calvin Coolidge

5. Place in chronological order the following telephone landmark innovations. For extra credit, can you name the year each was introduced?

- a) Princess phones
- b) Outdoor phone booths
- c) Area codes
- d) Touch-Tone (push-button) phones
- e) Hold buttons
- f) Picturephones (first public display)
- g) Pay phones

We've Got Your Number

1. At last count (1980), there were 175.5 million telephones in the U.S., more than 791 for every 1,000 people. Which American city has the highest ratio of phones to people?

- a) New York City
- b) Washington, DC
- c) Chicago
- d) Los Angeles

2. Where in the U.S. are the longest lines of people waiting to use pay phones?

- a) New York's Grand Central Station
- b) the American Airlines baggage claim area at Dulles Airport near Washington, DC
- c) the Greyhound Bus Terminal in Chicago
- d) Los Angeles County Jail

3. How many times does a phone ring in one minute?

4. How many calls does AT&T say the average person makes in a year?

- a) 565 c) 1,140
- b) 808 d) 4,325

5. If you're one of those average persons, how much of your entire lifetime will you spend on the phone?

- a) Two years, or twice as much time as you spend bathing.
- b) Three years, or one-quarter the time you spend watching television.
- c) Five and a half years, the same amount of time you spend eating.
- d) Seven years, or one-third as long as you spend sleeping.

6. Even barbers have to go for haircuts, and doctors need their checkups. Likewise, your local phone company uses its phones at least as much as any other business. Do phone companies have to pay phone bills every month?

7. It's a long-standing custom to call home on holidays. See if you can place these holidays in order based on the number of long-distance calls made on each of them.

- a) Thanksgiving
- b) Columbus Day
- c) Father's Day
- d) Christmas
- e) Easter Sunday
- f) Mother's Day

Telephone Chords

1. What song titles that feature telephone numbers are commonly associated with the following performers?

- a) Glenn Miller
- b) The Marvelettes
- c) Tommy Tutone

2. When Jim Croce sang "Operator, would you help me place this call?", where was the number written? With whom did his girl run off?



3. When Johnny Rivers sang "Long distance information, give me Memphis, Tennessee," who did he say took the message he was returning? Where was *that* number written? What's the name of the girl he was calling, how old was she, and where did she live?

4. Name the songs that feature these "telephone lines."

- "Hours of time on the telephone line
To talk about things to come. . ."
- "A telephone that rings,
But who's to answer?"
- "No phone, no pool, no pets. . ."
- "But she'll just hear that phone keep right on ringin'
Off the wall, that's all."
- "When I call you up,
Your line's engaged. . ."

5. What song can you hear if you press these numbers on a push-button phone, pressing two at a time as shown? (Try it *only* after you're already on the line with a friend. Otherwise you might dial someone with less musical appreciation than yourself.)

4/7 5/8 4/7 5/8 5/8 4/7
4/7 5/8 4/7 5/8 5/8 4/7
4/7 5/8 4/7 5/8
0/# 8/9 5/6

Ring a Bell?

1. Which three of the following people once had jobs as telephone operators?

- Pat Nixon
- P. T. Barnum
- Aristotle Onassis
- Morgan Fairchild
- Calvin Klein
- Dustin Hoffman

2. If you dialed (202) 456-1414 and asked for the man of the house, what would you probably be told?

3. What are the correct punchlines to these prank phone calls?

- To a tobacconist: "Do you have Prince Albert in a can?"
- To a butcher: "Do you have pigs' feet?"
- To a housewife: "Is your refrigerator running?"

4. No peeking, now. What would the phone number be if you dialed the word NUMBERS? What about QUIZZES? And while we've got you on the line, what letters appear on the 1?

5. What fictional characters are associated with the following?

- "One ringy dinky"
- the shoe phone
- public telephone booths
- "Phone home"

6. If the number for Dial-a-Prayer were 787-3837, you would remember it easily, since that number corresponds to the letters ST. PETER on telephone dials and push-buttons. Dial-a-"10" at 263-3735 would be BO DEREK. The following numbers have been similarly translated. How many of the corresponding names ring a bell?

- Dial-a-Joke.....262-4073
- Dial-a-Hint.....435-6473
- Dial-a-Poem.....873-5468
- Dial-a-Painting...354-7326
- Dial-a-Review....739-7333
- Dial-a-Hussy.....623-9378
- Dial-a-Dictator...434-2646

Casting Call

Each of the movies described below has a phone-related title. Can you identify them all?

1. In this 1960 film, adapted from a John O'Hara novel, Liz Taylor portrayed a call girl (the film's title is taken from her phone exchange) and won her first Oscar for the performance.

2. A bedridden Barbara Stanwyck overhears the plotting of a murder and doesn't realize till later that the intended victim is herself. Burt Lancaster plays her not-so-loving husband in this 1948 film adapted from a radio play.

3. Alfred Hitchcock built a giant phone as a foreground prop for this 1954 suspense thriller that starred Grace Kelly, Ray Milland, and a conveniently placed sewing basket.

4. This 1948 film starred James Stewart as a Chicago newspaper reporter who helps a scrubwoman prove her son's innocence in the death of a policeman.

Assistant Editor Robert Leighton is not here at the moment, but you may leave a message after the beep.



LOOK WHAT'S ON TELEVISION TONIGHT.

6:00

THE HULK

The first comic attraction in the QUESTPROBE™ Adventure Series. You become a super hero. A joint (ad)venture of Scott Adams, Inc. and Marvel Comics Group. (Diskette)



7:30

SOLAR FOX

It's erase or be erased as you navigate spaceship over a grid of colorful pulsating entities, armed with laser. Unlimited levels. A BALLY MIDWAY original. (Cartridge)



9:00



MAGIC DESK I

The scene opens on an office desk, complete with digital clock, typewriter, wastebasket and file cabinet. Select functions (typing, filing, editing) by pointing animated finger. (Cartridge)

6:30

MATH FACTS

(Ages 5 to 10) (Micro School) Educational TV. Practice in basic math facts. Several levels. (Easy to hard) (Diskette)



8:00



EASY SCRIPT

Our best wordprocessor. Displays 764 lines by 40 characters. Prints over 130 columns. Global/local search/replace/hunt/find. Super/subscripts. Insert/delete characters, lines, sentences, paragraphs. (Diskette)

9:30

INTERNATIONAL SOCCER

(Gold Medallion Game) Sports highlight. With passing, kicking, diving goalies, even trophies! Great color, 3-D realism. No locker room interviews. (Cartridge)



7:00



FRENZY/FLIP FLOP

(Ages 6 to 14) (Milliken Edufun) FRENZY (subtraction and division) The hungry gator arrives... save the fish... play the BONUS game... FLIP FLOP (transformed geometry) look at the two figures... do they need to flip, turn or slide? (Diskette)

8:30

THE MANAGER

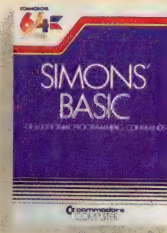
A powerful database management system. For business, educational or personal files. Not for Rockford's files. With four built-in applications. Or design your own. (Diskette)



10:00

SIMONS' BASIC

Rated PG. Expands Commodore BASIC by an additional 114 commands. Convenient programming commands such as RE-NUMBER and TRACE plus graphics plotting command. (Cartridge)



Announcing the most exciting variety show on television.

Featuring many of the stars of arcade games, education and the business world.

Produced by (and for) Commodore, the people who bring you the Commodore 64™ a 64K computer that would be a value at three times its price. In fact, many of its competitors are three times its price.

Produced in living high resolution graphics with 16 available colors and with eight 3-dimensional sprites.

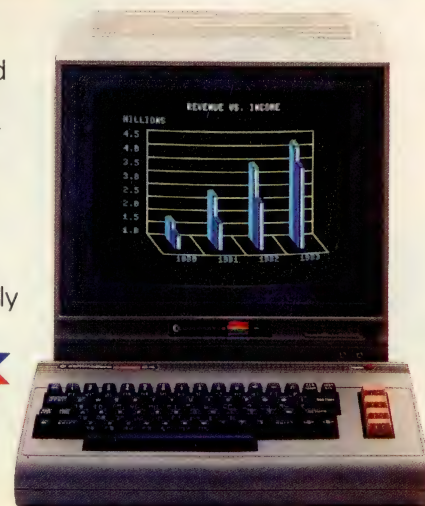
With a real high fidelity sound that covers a 9-octave range.

And a supporting cast of low-price, high capacity disk drives, printers, monitors (a better way to watch Commodore 64) and modems.

So, if you're not pleased with what's on your tv set tonight, simply turn on your Commodore 64.

COMMODORE 64

IT'S NOT HOW LITTLE IT COSTS,
IT'S HOW MUCH YOU GET.



PENCILWISE



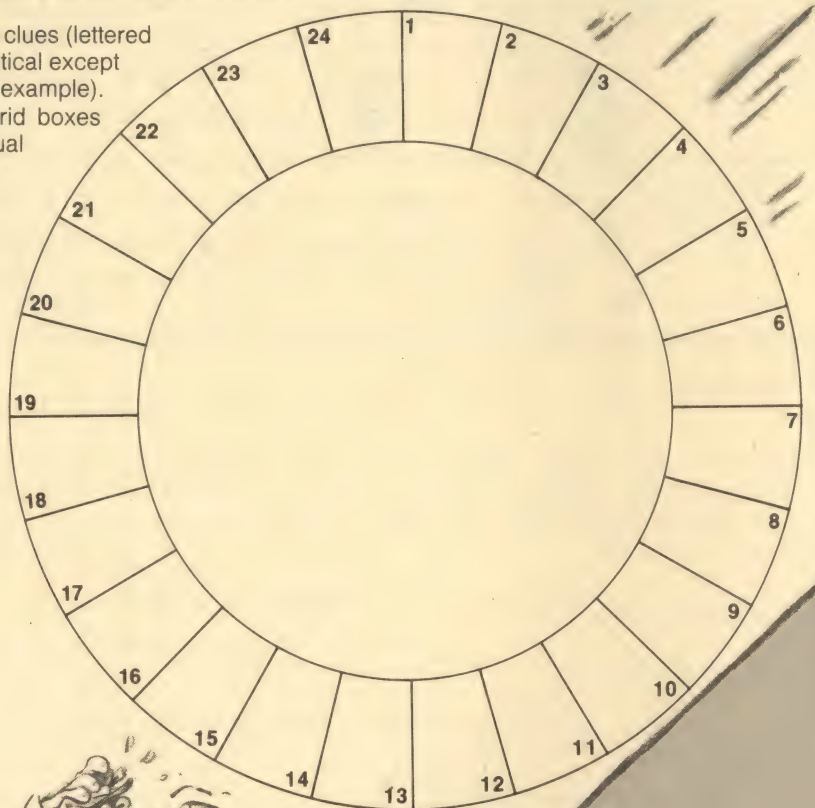
Just for Starters ★★

by Will Shortz

This puzzle is a triple-header. Each set of three clues (lettered A–H) leads to three answer words that are identical except for their first letters (BARN, WARN, and EARN, for example). Put the initial letters of these words in the grid boxes corresponding to the numbers of the individual clues. When the puzzle has been completed, read clockwise around the ring (beginning at a point for you to determine) and find a quote by singer-poet Joan Baez.

Answer Drawer, page 60

- A** 1 Flank
8 Assistant
15 Ferris wheel, e.g.
- B** 2 Turn aside
11 Chris of tennis
16 Public
- C** 3 Emergencies
12 Goes up
21 Showy flowers
- D** 4 Shabby, as clothes
7 Made "it"
20 Fell behind
- E** 5 Cowardly
18 Well-matured, as wine
22 Chap
- F** 6 Kind of boom
10 Invigorating medicine
24 Classic style of architecture
- G** 9 Lamp
13 90°, as an angle
23 Octet
- H** 14 Fondly
17 Kind of gates
19 Annual



Address Hunting ★

by Edith Rudy

A Lincoln's Birthday Word Search

In honor of Abraham Lincoln's birthday, this word search features 60 words from his Gettysburg Address. Each capitalized word in the address is hidden somewhere in Lincoln's profile in the usual word search fashion—horizontally, verti-

cally, or diagonally, but always as straight as a rail. Can you find them all? (Consecutive words in the address do not necessarily appear consecutively in the grid.)

Answer Drawer, page 60

```

      E L P O E P
    I B S R E G R A L H S
  A L L R H T S O R Y T E O C O
    R R E C A T R P V E R N R L P O R
      S G W H L V A O E E N S S I H O O W
        W N N L T E S O C R E A T E D R
          B H E O I Y I P E R N R T D O E T
            R E W I S T A E N D M L I D V S I
              S H T A T I R T R L L E M A E D A O D
                O P H U O D E V I E C N O C T E E N T
                  N E E N V W B V S F B T D I A E R T C
                    W S R F E S I O H F L M E A C S C O R E
                      T A U I D S L T H A T N E N I T N O C A D
                        E Y S N S S H A U L L N R M D S I O A S C
                          P P A I E R A Q R B T O F O E U B T B D R T
                            E T E S R E E U G A E I O C D R R A V L I U E
                              W M H S H R S R T S T R U G G L E D R Y I O I
                                N R E H T E G O T L A T T B E N R D O N O M F
                                  R D O A M D U L T N H I F I F G I W
                                    C E A F A T N E V R G O I O R P O N
                                      O S F I M D F Y E U O N F R T T
                                        E T N X P I R W O E F O U G H T
                                          E I S S E E O R D P P R E E H R
                                            N N S L O P B E F O R E N T A L
                                              G G G D I W R I S H T S D R H A T
                                                A L L A M E V N E V F E U R A Y W H
                                                  E R E B E G F L I V I C R A E E E A
                                                    B G N I T S E T O N N A C C
                                                      R A H A M L I N D A C G O L N
                                                        E D I T H I G H L Y H R U D Y
  
```

FOURSCORE and seven YEARS ago our FATHERS BROUGHT FORTH on this CONTINENT a new NATION, CONCEIVED in LIBERTY and DEDICATED to the PROPOSITION that all men are CREATED EQUAL.

Now we are ENGAGED in a GREAT CIVIL war, TESTING WHETHER that nation or any nation so conceived and so dedicated can long ENDURE. We are met on a great BATTLEFIELD of that war. We have come to dedicate a PORTION of that field, as a FINAL RESTING-place for those who here gave their lives that that nation might live. It is ALTOGETHER FITTING and PROPER that we should do this.

But, in a LARGER SENSE, we CANNOT dedicate—we cannot consecrate—we cannot HALLOW—this GROUND. The BRAVE men, LIVING and dead, who STRUGGLED here, have CONSE-

CRATED it, far above our poor POWER to add or DETRACT. The WORLD will LITTLE note, nor long REMEMBER, what we say here, but it can never FORGET what they did here. It is for us the living, rather, to be dedicated here to the UNFINISHED work which they who FOUGHT here have thus far so NOBLY ADVANCED. It is rather for us to be here dedicated to the great task REMAINING BEFORE us—that from these HONORED dead we take INCREASED DEVOTION to that CAUSE for which they gave the last full MEASURE of devotion—that we here HIGHLY RESOLVE that these dead shall not have died in vain—that this nation, under God, shall have a new BIRTH of FREEDOM—and that GOVERNMENT of the PEOPLE, by the people, for the people, shall not PERISH from the EARTH.

Science Flick-tion ★

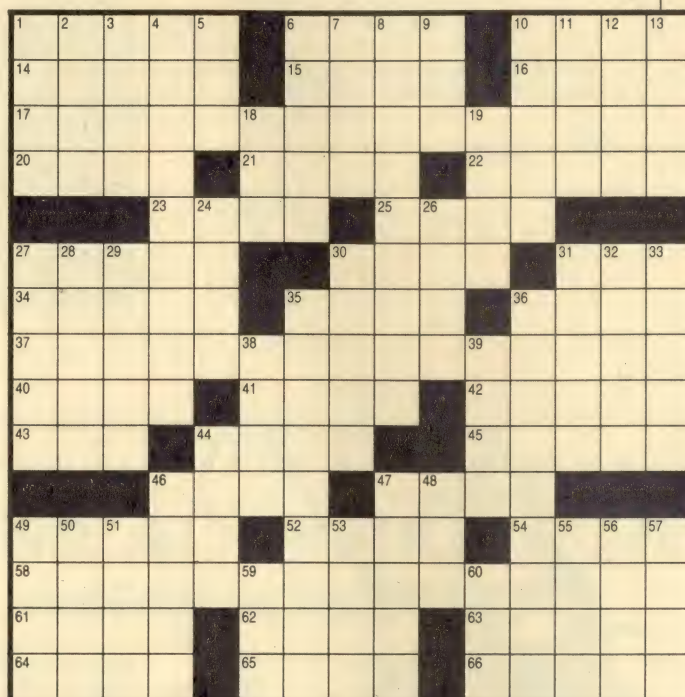
by Stanley Newman

ACROSS

- 1 Hirohito's land
- 6 Arthur of tennis
- 10 Lightly cooked, as steak
- 14 "Remember the ____"
- 15 Square ____ (math calculation)
- 16 Mimic
- 17 *Star Wars* "three-quel": 4 wds.
- 20 Gets an eyeful
- 21 Immediately, for short
- 22 The "S" in WASP
- 23 TV soap *The ____ of Night*
- 25 Klutz's exclamation
- 27 Dolphins' home
- 30 Linger
- 31 The piper's son
- 34 Madison Avenue workers
- 35 Official decree
- 36 Dinner reading?
- 37 Where Charlton Heston "monkeyed around": 4 wds.
- 40 Gave, for a while
- 41 Flivver
- 42 Make ____ in (achieve some progress): 2 wds.
- 43 Historical period
- 44 Expensive coats
- 45 Tool houses
- 46 Halloween cover
- 47 Hopelessly lost
- 49 Sword
- 52 "There ____ free lunch": 2 wds.
- 54 "____ the night before Christmas ..."
- 58 UFO movie of '77, familiarly: 2 wds.
- 61 Fuss
- 62 "Yikes!"
- 63 "Green" military cap
- 64 Storied lamb owner
- 65 Anglo-Saxon slave
- 66 Salad ingredient
- 6 Got up
- 7 Davenport
- 8 Controversial issue: 2 wds.
- 9 Biblical verb ending
- 10 Rulers of India
- 11 Top of the mountain
- 12 Make over
- 13 Actress Moran
- 18 Old horse
- 19 Catch sight of
- 24 Have supper
- 26 ____ of office
- 27 ____ syrup
- 28 Do-nothing
- 29 Kitchen appliance company
- 30 Filters, with "through"
- 31 Indian tent
- 32 For hours ____ (interminably): 2 wds.
- 33 Necessities
- 35 Great poker hand: 2 wds.
- 36 Tea Party host: 2 wds.
- 38 Greek T's
- 39 Simplicity
- 44 Bus around
- 46 Grungy
- 47 Battery terminal

DOWN

- 1 Shakes up
- 2 Sheltered, nautically
- 3 Top of the head
- 4 Diversion
- 5 "Neither rain ____ snow ..."



Answer Drawer, page 60

- 48 Worthless coin
- 49 Con game
- 50 Alan of *M*A*S*H*
- 51 Ill-mannered fellow
- 53 View, as the horizon
- 55 "____ in the Money" (42nd *Street* song)
- 56 Greek god of war
- 57 Concordes
- 59 Extra-wide shoe size
- 60 CBS competitor

Life of E's ★★

by Harry Simon

True, E is the most common letter in the English language, but this quiz takes the idea to extremes. The answer to each clue below is a word, name, or phrase that contains no vowel other than E. (Each answer will include at least three E's.) For

example, the clue "Popular book" would lead to the answer BESTSELLER, while "Cold storage place" would be DEEP-FREEZE. Only experts will have "letter perfect" solving.

Answer Drawer, page 58

1. Memphis's state _____
2. Every which way _____
3. Moon material, in stories _____
4. Non-workdays, for most _____
5. "I solve," grammatically _____
6. *Saturday Night Fever* singing group _____
7. Unrhymed poetry style _____
8. Saccharine, for one _____
9. Long-running news interview show _____
10. One murder plea _____
11. Fat fellow encountered by Alice _____
12. Reflex tested by doctors _____
13. Song about "them peepers" _____
14. Young woman's magazine _____
15. TV bear _____
16. Tricycle _____
17. Hive tender _____
18. London's journalism district _____
19. *Miracle Worker* character _____
20. Popular liqueur _____

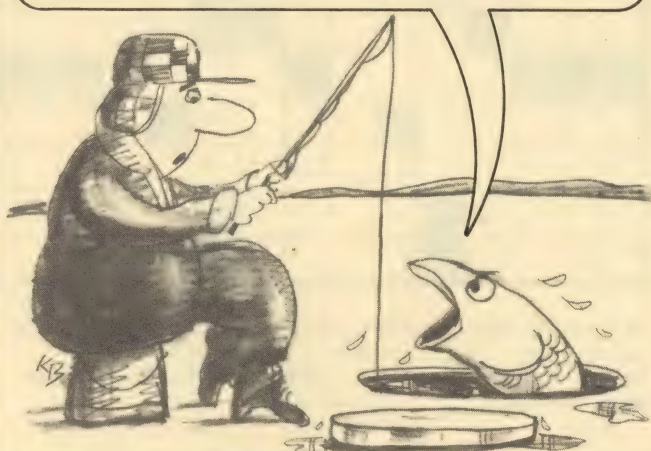
Below are seven messages—consisting of pithy sayings, fascinating facts, and a cartoon gag—that have been translated into simple code alphabets. Letter substitutions remain constant throughout any one cipher, but change from one cipher to the next, and the level of difficulty increases as you progress. An asterisk (*) indicates a proper noun.

Clues are given at the bottom of the page to provide assistance if you need it.

Answer Drawer, page 60

1. CRYPTOON

LJBIP MJB VOZP UNBK KOZT
KND PJJW LNDZ MJB IDGRD?
UJVD JY BU GWD KWMOZT
KJ SDDX LGWV!



2. SAFETY IN NUMBERS

TQ'Y H NXXG RXSTOI QX
FHBW HQ SWHYQ QZX BTOWY
YX' IXJ OHD VXHYQ QFHQ
IXJ "GXD'Q FHBW H YTDNSW
XDW."

3. I'VE BEEN FRAMED

ZUXJVXJK XI INYC-QXISRLNTE.
NLNTE KRRQ UTVXIV
ZUXJVI APUV PN XI.
— *GUSOIRJ *ZRYRISO.

4. ARTISTIC LICENSE

GHIJ ABCDE AUGC YZ PQRB
EYAB PCQLK GCIYE JUY'K
RBQIM RBCJ PCLC
ZLHARQAQIV "MUUMCLJ".

5. TIGHT SQUEEZE

GVNKBN NCHDXHFP TZDTFP
TKHVCP PTDRXOKN YDHX
ROPFDUKL GZCL RFGH,
UNKZWMGZCW LHFCW
RFUZNCTN.

6. NOT FAIR AND WARMER

*CDFSJ HUK *LSLHKKBBHU IYJ
BDH YFMSHSDBSBN LDW
IKYHUKWAYB IUKB UK
XWKMSOHKM "YXWKJ ADS CK
MKCFNK."

7. PICTURE PERFECT

*XCBTKKN *BKCVT
LDBHCMTXF YCDVKTL
NXHPNTCWCDBKB KCGNXL
LTHDYPTXDVR ZFBKDH
PDTXCRWFYDPDB.

TIPS AND CLUES

Cipher 1: Ciphertext J and D, both doubled in four-letter words, represent O and E respectively.

Cipher 2: When a three-letter word with an apostrophe between the second and third letters starts a sentence, the word is often IT'S.

Cipher 3: Given its position in the first sentence, the two-letter word is likely to be a verb. Try IS.

Cipher 4: Ciphertext J, found three times out of four at the end of a

word, is a good bet to be a Y.

Cipher 5: The last three letters of ciphertext UNKZWMGZCW are the common verb suffix -ING.

Cipher 6: Compare ciphertext HUK and UK. The likeliest substitutions are THE and HE. Bonus hint: The last four words are tricky.

Cipher 7: Ciphertext C, D, F, N, and T are all vowels, one of which is a Y. The letter U does not appear here.



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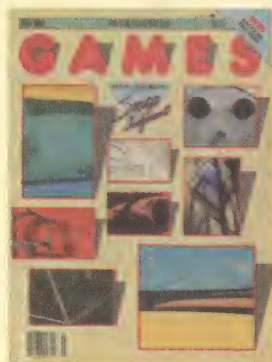
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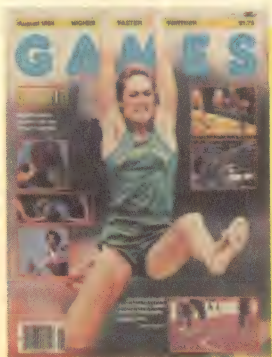
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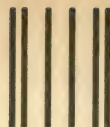
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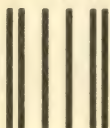
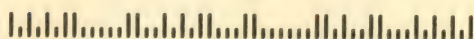
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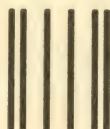
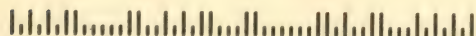
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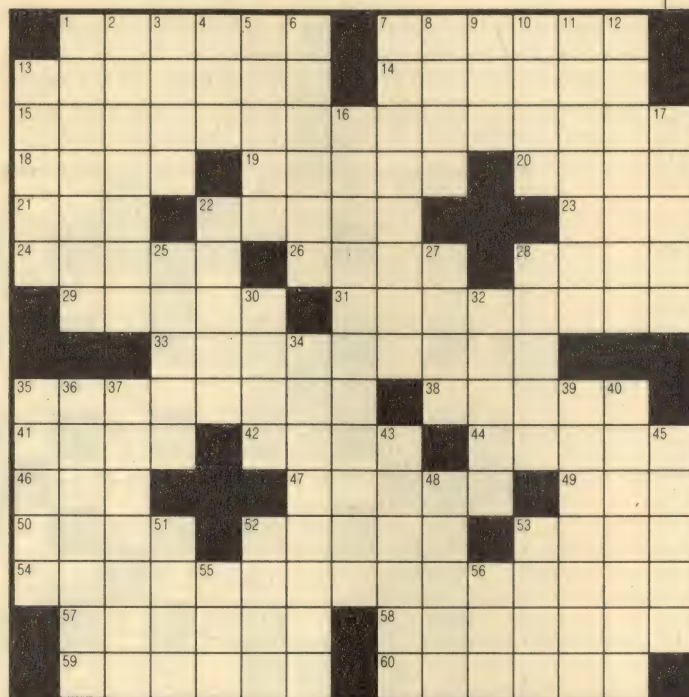
by Jack Luzzatto

ACROSS

- 1 Buffalo's NHL team
- 7 Walking on air
- 13 Permissibly off base: 2 wds.
- 14 Nullify
- 15 Public fool: 2 wds.
- 18 Lowers the lights
- 19 Ultimate disorder
- 20 Lamb's nom de plume
- 21 Whitney the gin-maker
- 22 Tiny particle, old style
- 23 Old rescue ship?
- 24 Extend a subscription
- 26 Part of a bridle
- 28 Curved molding
- 29 Actors Andrews and Wynter
- 31 Macramé workers
- 33 Who gets blamed
- 35 Insufferably confident
- 38 Where pants show wear
- 41 Give the go-ahead
- 42 Run easily
- 44 Persona non ____
- 46 Set fire to
- 47 Polar bear playgrounds
- 49 Overcharge flagrantly
- 50 Aware of
- 52 Wilkes—, PA
- 53 "Hey, sailor!"
- 54 Pour: 4 wds.
- 57 Kook
- 58 Stroganoff base
- 59 More obviously cultural
- 60 French steps

DOWN

- 1 Went very slow
- 2 Bauxite ingredient
- 3 Pleads for
- 4 Pompom girl's cheer
- 5 Remove from the premises
- 6 Portuguese gentleman
- 7 Delighting in
- 8 Meadows
- 9 Signal level control: Abbr.
- 10 Confiscate
- 11 Showy display: Fr.
- 12 Man with a yen
- 13 Presumably wiser, too
- 16 Preservers of the preserves
- 17 "— alive!"
- 22 Modern USAF plane
- 25 Lift heavenward
- 27 Cozy corner
- 28 Swimmer in fur?
- 30 Author Bellow
- 32 Zesty flavors
- 34 Legal approver
- 35 Palette choice
- 36 WWII Pacific battle site
- 37 More slyly malicious
- 39 Auricular opening
- 40 Larry, Moe, and Curly
- 43 Job for a gofer
- 45 Chasm



- 48 Columbus's birthplace
51 "Step —!": 2 wds.
52 Commanded, old-style
53 Tacks on
55 Dernier — (the latest fashion)
56 Comedian Knotts

Answer Drawer, page 58

Triple Sixes ★★

by N.M. Meyer

In this puzzle you get three words for the price of one. To solve, think of three letters that will finish a six-letter word at the start of the line, and three letters that will start a six-letter word at the end of the line. When read together, the two sets of letters will form another six-letter word in the middle. For example, in # 1 below, ARD finishes LIZARD, ENT starts ENTRAP, and the six new letters together spell ARDENT.

Answer Drawer, page 62



1. L I Z A R D E N T R A P
2. F O S _ _ _ _ _ T E X
3. B O T _ _ _ _ _ M I C
4. C Y M _ _ _ _ _ H A L
5. B O X _ _ _ _ _ G U E
6. F R I _ _ _ _ _ W I G
7. K O S _ _ _ _ _ T E N
8. O P A _ _ _ _ _ L U M
9. A F G _ _ _ _ _ D E N
10. Z I N _ _ _ _ _ E M A

11. U M L _ _ _ _ _ N E T
12. F A L _ _ _ _ _ E U R
13. M I S _ _ _ _ _ C I L
14. E N J _ _ _ _ _ R O R
15. O R C _ _ _ _ _ T A L
16. C A N _ _ _ _ _ Y N X
17. M A M _ _ _ _ _ O R E
18. D Y N _ _ _ _ _ R U E

Calculetters ★★

by Roy Hall

This puzzle should be as easy as I, II, III. We've removed all the letters that are also Roman numerals from the crossword grid below, and it's up to you to replace them. As a solving help, the total of the values of the Roman numerals for each row and column of words is supplied at the side or bottom of

the grid. For example, if the words in a row were CODED and MAILBOX, we'd have removed the letters C, D, D, M, I, L, and X, and given the total 2161 (100 + 500 + 500 + 1000 + 1 + 50 + 10). Can you make it all add up?

Answer Drawer, page LXIV

		A	S		A		A			S	4012
O									O	E	
	R				E			N		E	1612
E		O			E						
			E	O				U		E	1801
S		S		E			A		E		
				P	A		R	S			1002
S				A			Y			A	
	O				U	S			O		3107
		E			E		A		S	U	
		A		A		E				A	2751
E				T						T	
		S	P	E			E			T	1152
3101	1562	2652	2151	712	2203	1561					

ROMAN NUMERALS

M	=	1000
D	=	500
C	=	100
L	=	50
X	=	10
V	=	5
I	=	1

Classifications

by Katie Gorey

One thing leads to another in this word and trivia puzzle. Fill each space with a word that begins and ends with the letters to the left and right of the blank and that fits the category at the top of the column. The first two answers in the first row have been filled in as examples—a musical instrument begin-

ning with C and ending with T (CLARINET), and a bird beginning with T and ending with H (THRUSH). Answer words may be any length and needn't agree with ours. Getting 35 answers is excellent; a perfect score of 40 puts you in a class by yourself.

Answer Drawer, page 62

MUSICAL INSTRUMENTS

BIRDS

U.S. PRESIDENTS

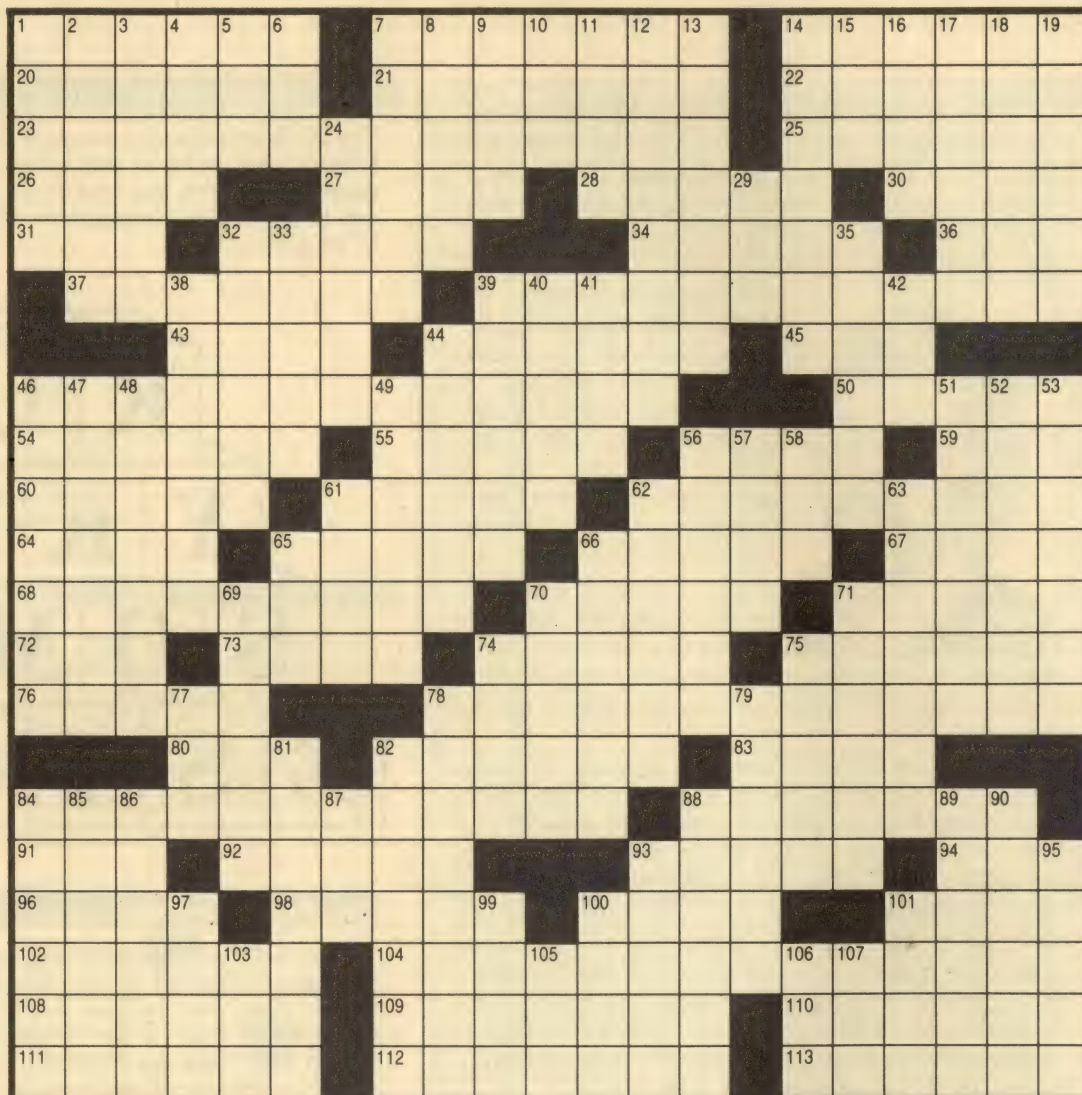
SPORTS

LANGUAGES

- | | | | | | | | | | | |
|------|-------------|---|---------|---|--|---|--|---|--|---|
| 1. C | L A R I N E | T | H R U S | H | | G | | F | | H |
| 2. B | | E | | T | | R | | L | | N |
| 3. P | | O | | H | | S | | H | | W |
| 4. H | | A | | K | | Y | | G | | K |
| 5. H | | P | | T | | T | | S | | I |
| 6. U | | E | | E | | R | | Y | | H |
| 7. D | | M | | A | | S | | R | | N |
| 8. A | | N | | H | | R | | G | | N |

ACROSS

- 1 Tolerates
- 7 "Now listen..."
- 14 Spills the beans
- 20 Renaissance strummer
- 21 Emptied of cargo
- 22 Batting order
- 23 Group punching in at midnight
- 25 Lifework
- 26 Perry's creator
- 27 Princess from Alderaan
- 28 Pit stop extras
- 30 Emcee's need
- 31 Louis Quinze, e.g.
- 32 Moroccan capital
- 34 Flat paper
- 36 Set the pace
- 37 Intrigues
- 39 Universal openers
- 43 *Metamorphoses* author
- 44 Cubic meters
- 45 Calf's cry
- 46 Safety factor
- 50 Deep-sea: Prefix
- 54 Swore
- 55 Brings up
- 56 Helix
- 59 Grand finale?
- 60 Sat through a second show
- 61 Old salt's warmer
- 62 Commonly filed item
- 64 Infuriates
- 65 Moves à la the Blob



Answer Drawer, page 60

- 66 Fission sites
- 67 Estrada of *CHiPs*
- 68 '50s heartthrob
- 70 Chases off
- 71 Solder
- 72 Ottoman ruler
- 73 Light stuff
- 74 Go out on ____
- 75 Bitter hatred
- 76 Philippine isle
- 78 Interplanetary stopovers
- 80 CIA's forerunner
- 82 Insufficiently
- 83 Louis Nye's greeting to "Steaverino"
- 84 Nanny's prop
- 88 Takes umbrage
- 91 Miss the mark
- 92 Martini garnish
- 93 Foibles
- 94 Lithping letter
- 96 Immensely
- 98 Tart start

- 100 Peter Sellers movie, with *The*
- 101 Celebes beast
- 102 Saskatchewan capital
- 104 Complex case deciders
- 108 Paint variety
- 109 Iceberg, for one
- 110 "____ out..." (plea for fairness)
- 111 Extends a subscription
- 112 Endowed
- 113 Matter of meter

DOWN

- 1 Historic Hiss
- 2 Grand Canyon critters
- 3 Type type
- 4 Seamy joint

- 5 Suffix with computer or journal
- 6 Swinecote
- 7 ____ shootin'
- 8 Do oneself in, with "all"
- 9 Noted lioness
- 10 Disbeliever's laugh
- 11 Improve copy
- 12 Stock replenisher
- 13 Menu section
- 14 Apple tree ornament
- 15 Whopper
- 16 "One" on a one
- 17 Vituperate
- 18 Surprisingly bad film
- 19 Ignores the limit
- 24 Reflective power
- 29 Break fast

- 32 Military inspection
- 33 "I have half ____ to..."
- 35 Give a chance
- 38 Balderdash
- 39 Fancy fiddles
- 40 Irish county
- 41 Son of Aphrodite
- 42 *Jungle Book* python
- 44 Farm implement
- 46 One kind of bliss
- 47 Mean
- 48 Large-leaved rhododendron
- 49 Like TV dinners
- 51 Cuckoo's African cousin
- 52 Earth-sky seam
- 53 City on the Hudson
- 56 Sweet pods
- 57 Big dumb fellows

- 58 Auditor's agcy.
- 61 Oz visitor
- 62 Decathlete Bill
- 63 Old threesome
- 65 United
- 66 Gum ingredient
- 69 Paris-based peace org.
- 70 Informal talk
- 71 Suffuses with light
- 74 Samoan capital
- 75 Poker play
- 77 Stocking stuffer
- 78 Docs' signs
- 79 Corn on ____
- 81 Espadrilles
- 82 Kind of shooter
- 84 Check payee, often
- 85 Co-panelist of Dorothy and Bennett

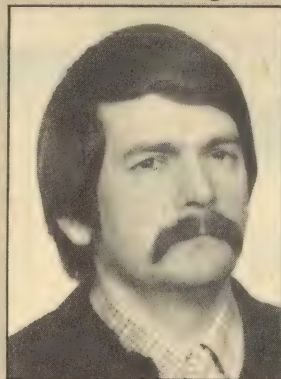
- 86 Heavy shoe
- 87 Copacabana site
- 88 Like corduroy
- 89 Prof's protection
- 90 Makes a frontal attack
- 93 Utter
- 95 Grant's successor
- 97 Test proctor's call
- 99 Wellington, New Zealand, county
- 100 Champagne choice
- 101 Suitable for eavesdropping
- 103 Kind of moon or wave
- 105 Greek H
- 106 Surprised sounds
- 107 Bottom line figure

Letter Blocks and Other Braintwisters ★☆

Seven Mental Excursions from a Leading Polish Puzzlemaker

"It is a hard job to invent an entirely new mathematical or logical puzzle," says Marek Penszko, 36, of Warsaw. "As a rule you find old ideas in new attire."

By this standard, Penszko's job is very difficult indeed, for he is an expert at concocting new ways to put solvers through mental hoops. As conductor of



the "Logical Games" department in the popular science journal *Problemy* ("Problems"), he has become Poland's best-known puzzle creator and writer. For seven years he also edited the "Linguistic Amusements" and "Mathematical Recreations" columns in Poland's largest youth magazine. He is the author of a book of domino

puzzles and games, and a long-time senior editor for *Rozrywka* ("Diversion"), a newsstand puzzle magazine.

"I am crazy about all kinds of puzzles," Penszko writes unabashedly, and that includes nonmathematical ones as well. When making crosswords he likes to include humorous clues (like "Paradise for devils" = HELL) and to sprinkle his grids with the nine "purely Polish" letters (ą, ć, ę, ł, ń, ó, ś, ź, ż). Creating crosswords is no easy task in a language that sports tongue-twisters like "przechadzka" (stroll) and "kształtownik" (shape). Besides, by convention, Polish puzzlemakers use only singular nouns of the first grammatical case in their constructions—no plurals or other parts of speech.

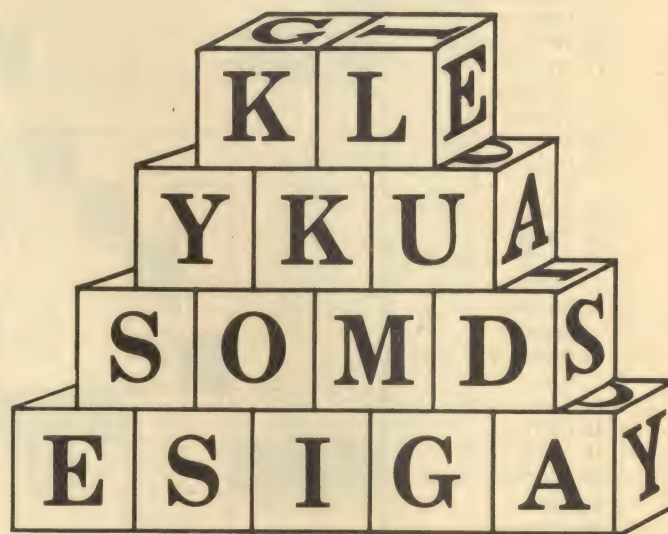
Regarding mathematical and logical puzzles, his specialty, Penszko says, "I like to find at least a bit of some original, new, interesting, and simple idea." In this endeavor he is aided, like the great American puzzlist Sam Loyd, by a background in engineering. (He is a 1976 graduate of Warsaw's engineering college.) Penszko also has the benefit of a familiarity with the puzzle literature of both the East and West. Asked who has been the greatest influence on his work, he replies enthusiastically, "Martin Gardner!", the former mathematical gamesman of *Scientific American* and a frequent contributor to *GAMES*, with whom he has corresponded.

A potpourri of Marek Penszko's puzzles appears at right. Problems 3–7 are collected from previously published works. Problems 1 and 2 were created especially for *GAMES*. It is impossible, of course, to translate his many unusual word puzzles, with the exception of problem 3, which, curiously, works not only in Polish and English, but in most other European languages as well.

—W. S.

1. Letter Blocks

The stack shown here consists of 14 blocks, each having a letter on each of its six sides. There are only two distinct patterns of blocks, and each block matches one of these two patterns. What message can be read on the back side of the stack?

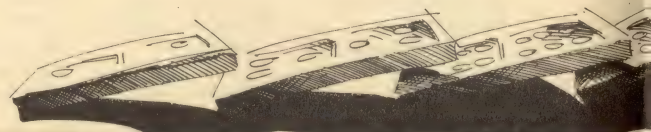
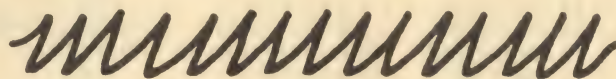


2. Going Fishing

Tadeusz with his father and Piotr with his father went fishing. Tadeusz hooked as many fish as his father, and Piotr hooked three times as many as his father. Seventy fish were hooked in all, 80 per cent of them by the sons. Who is older, Tadeusz or Piotr?

3. The Word

An absent-minded professor scrawled this word on paper, neglecting to dot any i's that might be in it. What is the word?



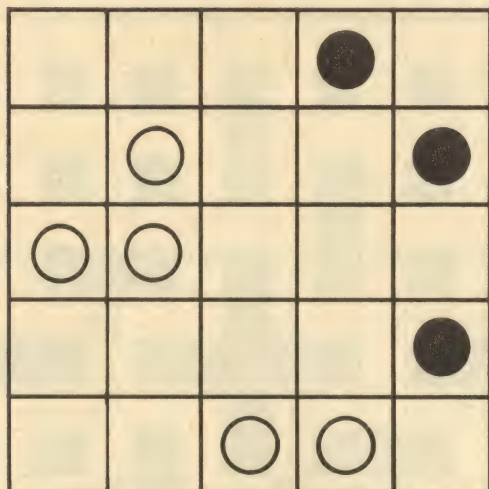
4. Digititis

Below is a multiplication problem in which all the digits but one have been removed. Can you reconstruct the problem, given that the 1 shown is the only occurrence of the digit 1 in the multiplication?

$$\begin{array}{r}
 _ _ _ \\
 \times _ _ _ \\
 \hline
 _ _ _ \\
 _ _ _ 1 \\
 \hline
 _ _ _ _ _
 \end{array}$$

5. Queen's Gambol

Five white queens and three black queens are placed on the 5 x 5 board as shown, each black queen attacked by at least one white queen. (A queen attacks any enemy piece standing on any of its lines of movement, which is any number of squares in any direction.) Can you make three legal queen's moves—first for white, then black, then white again—so that then no black queen is under attack? Captures are not allowed.



6. Domino Logic

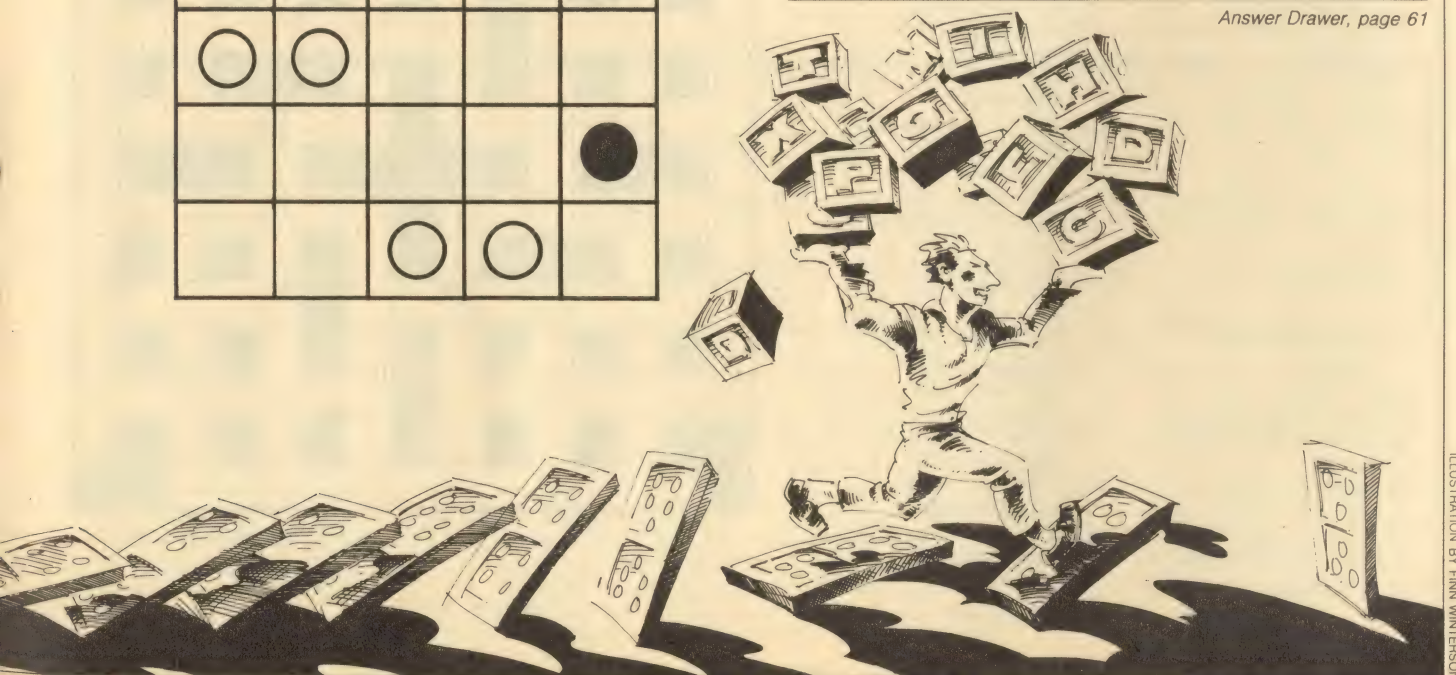
The 8 x 7 rectangle below represents an ordinary set of dominoes (double-zero through double-six) in which the pips have been replaced by their corresponding digits and the outlines of the dominoes removed. Can you recover the outlines—through logic—to show the set? The solution is unique.

2	2	4	5	0	0	2	3
2	4	0	3	5	0	1	2
1	6	3	0	5	1	5	6
1	4	2	0	3	3	4	5
1	1	6	2	4	6	5	1
1	3	6	5	4	4	4	2
3	3	6	6	0	6	5	0

7. Box Scores

We have eight boxes—one red, the others blue and yellow—each containing a different number of balls: 11, 14, 19, 23, 29, 32, 41, and 46. The total of all balls in yellow boxes is twice the total of balls in blue boxes. How many balls are in the red box?

Answer Drawer, page 61



Cryptic Crossword ★★★

by Emily Cox and Henry Rathvon

The Warm-Up Puzzle at right contains all the basic types of clues you're apt to encounter in a cryptic crossword. Like all cryptic clues, each contains two parts: a direct or indirect definition of the answer and a second description of the answer through wordplay. The first step in solving a cryptic clue, and a great part of the fun, is to determine the dividing point between the parts. Consider some examples:

"Doctored a test sample (5)." This is an example of an anagram. The letters in the words "a test" can be rearranged to spell the answer, TASTE, which is defined as "sample." The word "doctored" suggests that the adjacent letters are to be rearranged. An anagram clue always contains a word or phrase (like "crazy," "reorganized," or "in a heap") that suggests mixing or poor condition.

"Dance found in America perhaps (5)." The answer, CAPER ("dance"), is literally found in the letters of "America Perhaps." This is an example of a hidden word.

"Animal craving suppressed by laughter (5)." The word YEN ("craving") is literally held by the word HA ("laughter") in the answer, HYENA ("animal"). The phrase "suppressed by" suggests the placement of YEN within HA. This is called a container clue.

"Surprise! A labyrinth (5)." Here you must join two short words to form the answer—the letter A (given directly) and MAZE ("labyrinth") to form AMAZE ("surprise"). This is an example of a charade clue.

Other tricks of clue-solving have been explained in previous issues. If you are new to cryptic crosswords, start with the Warm-Up Puzzle at right and refer to the Answer Drawer for explanations.

Warm-Up Puzzle for New Solvers ★

With detailed explanations in Answer Drawer, page 58

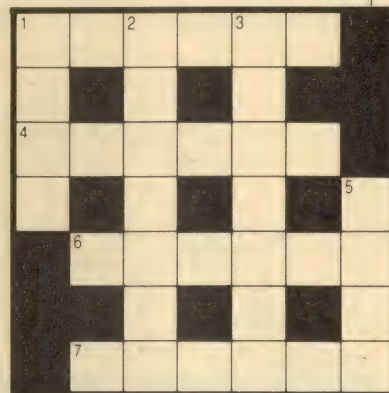
by E.C. and H.R.

ACROSS

- 1 Track and field event to talk about endlessly (6) *curtailment*
- 4 Italian town tucked into grove nicely (6) *hidden word*
- 6 Accidentally cream a photographer's equipment (6) *anagram*
- 7 Comic-strip kid did wrong coming back (6) *reversal*

DOWN

- 1 Bird of peace plunged (4) *second definition*
- 2 New Mexico city vault contains insect (5,2) *container*
- 3 Family member—one that's dirty (7) *charade*
- 5 Audibly lift beams (4) *homophone*

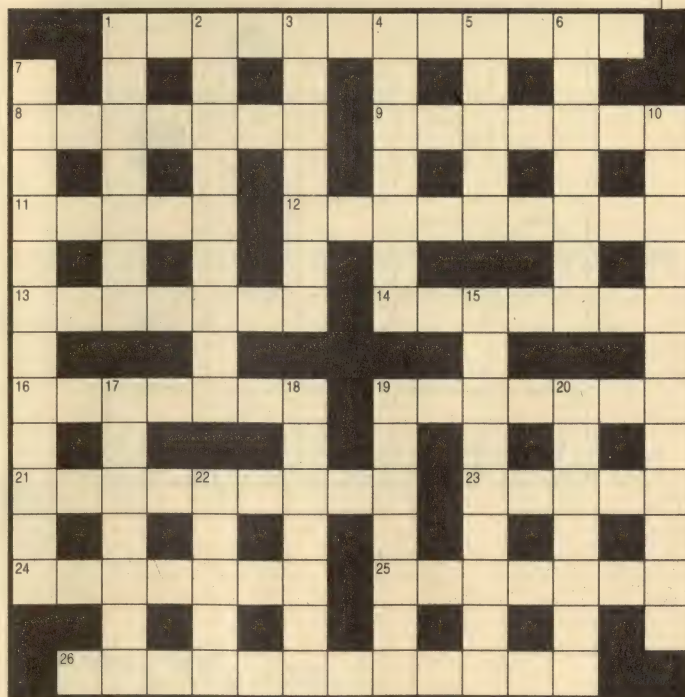


ACROSS

- 1 What golfers shout to alien woodsman (6,6)
- 8 Mr. Gardner gets one cocktail (7)
- 9 Greedy hawk not finished with seafood (7)
- 11 Tom is scattering leaves alone (5)
- 12 Lines up an unusual strip of land (9)
- 13 Country glen and falls (7)
- 14 Prominent part of proposal I entertain (7)
- 16 Scrutinize bent pins, etc. (7)
- 19 Arrive outside of pet race (7)
- 21 The man notices sound coming from grave marker (9)
- 23 Committee is not interested in speech (5)
- 24 Red pips swimming in ladles (7)
- 25 Foolishly tried an exchanged item (5-2)
- 26 Friar ogles, grabbing part of leg for pranks (12)

DOWN

- 1 Agriculture in remote Chinese dynasty (7)
- 2 Put back in control, say (9)
- 3 Hurried around rim, and stumbled (7)
- 4 Sterne's random dislikes (7)
- 5 Stretch of funny, long stocking (5)
- 6 Gourmet crushed pure ice (7)
- 7 Poor rascal atop one shed (12)
- 10 Hearing about fad is sad (12)
- 15 Numbskull wrecked marine lab (9)
- 17 Phony, bad, incomplete hair cleaner (7)
- 18 Well-known Communist runs Kentucky (7)
- 19 Cat in heat dashed after Guevara (7)
- 20 Paints ten camels without heads (7)
- 22 Shiny boat bottoms turned up (5)



Answer Drawer, page 61

Elimination Tournament ★★★

by John de Cuevas

A Variety Cryptic Puzzle

Enter the answer to each *numbered* clue in the corresponding set of dashes in the left column. Letters with numbers beneath them are "eliminated" and are transferred to the correspondingly numbered boxes in the grid. The surviving letters from each match (each pair of answers) are then recombined to form a new word in the next column to the right, with the help of the *lettered* clues. Starting words

are clued in numerical order (1-16). The other words, each six letters long, are clued in random order (a-n); it's up to you to determine where they belong. When the grid is filled, its letters will spell a quotation from Walt Whitman in the form of a question. The poet's own answer to the question will survive as the last (unclued) word of the tournament.

Answer Drawer, page 58

1 18 _ _ _ 12 _ }	_ 60 _ 53 13 _ }	{ 3 _ _ 52 22 _ }	{ 41 71 _ 55 _ }
2 9 _ _ _ 68 _ }	_ _ _ 29 _ 24 19 }		
3 _ 78 _ _ _ 16 }	_ _ _ 25 72 _ 66 }		
4 _ 5 _ _ 43 _ 6 }	33 64 _ _ _ 21 _ }		
5 _ _ _ _ _ 1 59 }	26 _ 42 _ 17 _ }	{ 76 _ _ 48 _ 30 }	
6 2 _ _ _ 31 _ 15 }	77 _ 36 _ 69 _ }		
7 _ _ 34 46 _ 62 }	35 _ _ _ 44 79 }		
8 _ 23 7 _ _ _ }	_ 50 61 _ _ 20 }		
9 _ _ _ _ 47 63 }	_ 65 56 38 _ _ }	{ 51 _ _ 10 45 }	
10 _ _ 58 32 _ }			
11 _ 4 _ _ _ 49 40 }			
12 11 _ _ _ 73 }			
13 67 _ _ _ 37 75 }		{ 51 _ _ 10 45 }	
14 _ _ 14 57 _ }			
15 70 _ _ _ 28 }			
16 _ 8 39 _ _ 74 }			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

CLUES

- 1 Stewed swine flesh (5)
- 2 The woman's riding a water bird (5)
- 3 Militia raider captures crown (5)
- 4 Waste away without a prize (6)
- 5 I distribute perfection (5)
- 6 Angle frames in coating (6)

- 7 Stay in poor mental health (6)
- 8 Nothing gained by close call (5)
- 9 Life includes southern view (5)
- 10 Run after having awful aches (5)
- 11 Hands with high card making threat (6)
- 12 Safe jump (5)
- 13 Retrain us to be dull (6)

- 14 Can containing bovine poison (5)
- 15 Sound of signal to give up (5)
- 16 Break up start of scuffle below (6)
- a Fasten end with no turning
- b Glow around front of Roman tomb
- c Voice is alien to Hart
- d Real gold reflected in talc when polished

- e Standing in street by us
- f Ex-student edited manual
- g Sound of chair being cast
- h Club imprisons 51 for spite
- i Victor Watt, private
- j Suggest moving aside around five
- k Clever statue sculpted
- l Herbs from 100 nests
- m Indies destabilized internally
- n Paper in *Time* edition

Double Cross ★★

by Michael Ashley

Answer the clues for words to be entered on the numbered dashes. Then transfer the letters on the dashes to the correspondingly numbered squares in the puzzle grid to spell a quotation reading from left to right. Black squares separate

words in the quotation. Work back and forth between grid and word list to complete the puzzle. When you are done, the initial letters of the words in the word list will spell the author's name and the source of the quotation. *Answer Drawer, page 58*

1B	2P	3H		4J	5R	6O	7E	8S	9Q		10G	11A	12D	13B	14R	15K	16P	17F	18I		19M	20D	21Q
	22U	23G	24N		25G	26P	27R	28H	29C	30Q	31W	32F	33B		34S	35N	36F	37E		38S	39R	40C	41H
42Q	43W	44K	45E		46A	47F		48P	49T	50H		51R	52J	53A	54M		55F	56H		57B		58S	59W
60E	61P	62G		63N	64Q	65S	66R	67I	68M	69T		70U	71K	72S	73Q	74J	75M		76A	77H		78N	79B
80C	81V		82Q	83G	84A		85I	86P	87L	88H	89S	90R	91B	92P		93V	94E	95L		96S	97U	98A	99K
100P	101T		102B	103H	104E		105C	106O	107L	108R		109A	110V	111F	112W		113D	114R		115T	116M	117B	
118L	119S	120D	121G		122M	123V		124C	125Q	126P	127O		128Q	129G	130B	131T		132E	133S	134K		135F	136C
137I	138R	139N	140U	141H	142W	143K	144V		145J	146P	147A	148T		149F	150I	151Q	152E	153U	154M		155D	156P	157R
	158D	159I	160E	161W		162R	163L	164M	165U	166G		167I	168R	169O		170L	171F	172S		173A	174T	175J	176G
177W		178M	179K	180U	181B	182P		183N	184F		185H	186K	187J		188R	189V	190I	191M					

- A.** 1984 Broadway hit (2 wds.) 11 46 53 76 84 98 109 147 173
- B.** Dagwood Bumstead of the movies (2 wds.) 57 130 1 79 13 91 117 102 181 33
- C.** George Jean _____, theater critic (1882-1958) 40 80 124 105 29 136
- D.** Military action 12 20 120 158 113 155
- E.** '60s singing group ("I'm a Man," "For Your Love"; with "The") 37 132 94 104 160 7 60 152 45
- F.** Combination closet/clothes chest 149 171 135 184 47 55 32 17 36 111
- G.** Nautically neat 166 83 10 121 176 23 129 25 62
- H.** Frequently 77 56 141 3 103 88 185 28 50 41
- I.** Disreputable element 18 67 85 137 150 159 167 190
- J.** Glacial ridges 4 187 52 74 175 145
- K.** Freedom of action 143 15 44 99 186 71 134 179
- L.** Involve by necessity 95 107 170 87 163 118
- M.** Photographer's peephole 164 122 154 178 19 116 54 75 191 68

- N.** Pennsylvania city, home of Larry Holmes 24 35 63 78 183 139
- O.** Secretary of State under JFK and LBJ 169 106 127 6
- P.** Showing a lack of planning (hyph.) 182 2 146 26 48 92 126 61 156
16 86 100
- Q.** Having personal difficulties (3 wds.) 42 73 125 9 30 128 151 82 64 21
- R.** Rich man's burden (2 wds.) 114 168 66 162 157 5 51 90 39
14 188 138 108 27
- S.** Basketball's Wilt "The Stilt" 38 89 119 8 34 172 72 58 65
96 133
- T.** Bone at the base of the cranium 101 148 49 131 115 174 69
- U.** Give legal right to 165 97 70 140 22 153 180
- V.** Old/new magazine _____ Fair 110 93 123 189 81 144
- W.** Sea inlet 142 43 177 31 59 112 161



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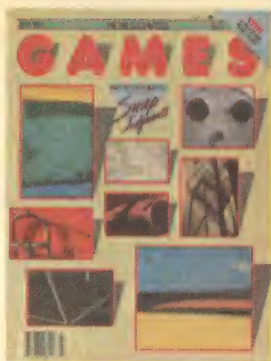
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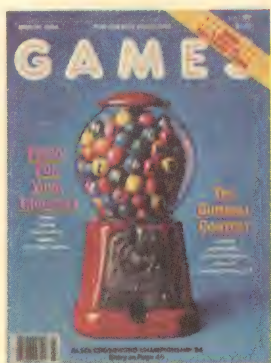
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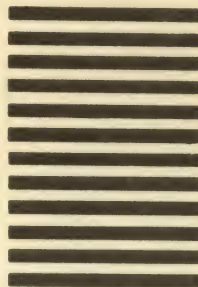
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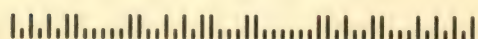
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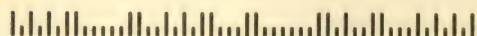
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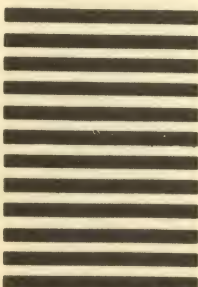
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Mind Flexers ☆☆

by Mary Ellen Slate

In each of these puzzles, match the five items on the left with the five items on the right on the basis of similar or related meanings. The relationships are disguised by use of double meanings or altered spacing within words. For example, the answer to the first item in Puzzle 1, "Beach bum," is B, "Tangent" (tan gent). Psychology professor Morgan Worthy, who invented "Mind Flexers" to test and improve mental flexibility, says, "To enjoy them, one certainly needs to have a sense of the ridiculous. Do not take them too seriously, and you will quickly improve at seeing the relationships."

Answer Drawer, page 60

Puzzle 1

- B 1. Beach bum A. Standing order
 ____ 2. Discover B. Tangent
 ____ 3. Stub C. Graduation
 ____ 4. Head over heels D. Checkmate
 ____ 5. Class act E. Record's end

Puzzle 2

- ____ 1. Show pain A. Make peace
 ____ 2. Endanger B. Yellow
 ____ 3. Wrinkles C. Out of bounds
 ____ 4. Amiable D. Self-doubt
 ____ 5. Tired kangaroo E. Pressing problems

Puzzle 3

- ____ 1. Noticed A. Flirt
 ____ 2. Store detective B. Flower bed
 ____ 3. Binary C. Not often
 ____ 4. At ease D. Counterspy
 ____ 5. River bottom E. Warm

Puzzle 4

- ____ 1. Handles snow A. Downgrade
 ____ 2. Seance B. Goat's dance
 ____ 3. Pillow rating C. Curbed
 ____ 4. Butterball D. Venus de Milo
 ____ 5. Doghouse E. Sit for a spell

Puzzle 5

- ____ 1. Reduced fare A. Underscore
 ____ 2. Lose the game B. Sesame seed
 ____ 3. On a roll C. Aligned
 ____ 4. Sinking ships D. Diet
 ____ 5. Information E. Submission

FOLD THIS PAGE

The World's Most Ornerly Crossword

by Merl Reagle

Cues and Clues

The crossword on this and the next two pages has two independent sets of clues: "Hard" and "Easy." First, fold this page back on the dashed line so the clues below face the solving grid on page 39. If you use only the Hard Clues (appearing below and continuing under the grid), you'll find the puzzle uncommonly challenging. If you want help, or prefer a less severe challenge, open to the Easy Clues (tucked in beneath your fold on page 38).

Hard Clues ★★★

ACROSS

- 1 Fills all vacancies
 11 Fixes greens, perhaps
 15 Washer-dryer?
 24 Confirmed
 25 Kind of bonds or dollars
 26 Drop the ____ (make an awaited revelation)
 27 Anagrams
 28 Olympic fighter?
 29 From the Earth to the Moon traveler
 30 Greek salad ingredient
 31 1980 Olympic mascot
 33 One for the road?
 34 French political division
 35 Cato's "with"
 38 "Ain't That Peculiar" singer
 40 Steinbeck's ____ Down
 43 Nirvana attainer
 46 Weak-looking
 48 Be convinced, eventually
 51 "Thy ____ warm": Romeo and Juliet
 53 Eppie's guardian of fiction
 54 Stephen Scheuer reference book
 55 Little Leticia
 56 M.P.H.
 57 Weighs ____ (is massive)
 58 Glass of Bordeaux?
 59 Scalp ointment
 61 Robt. E. Lee title
 62 Clothes-beating clubs
 64 Escaping the sheriff, perhaps
 67 Uranologist
 68 Fled safely
 69 Letter openers?
 70 Job-hunter's edges
 71 Friends in fraud
 72 Like a perfect game
 75 "Kisser"
 78 Became, in British suffixes
 80 Furnaceman
 81 Words of emphasis
 83 RMN's '68 opponent
 84 Top student's org.
 85 Hammock cords
 86 Federal watchdog, for short
 87 Hwy.
 88 Mexican city or state
 91 Like TV's Julia
 92 Capital of Österreich
 93 Acquiescent
 94 Dog in an Inge title
 95 Anyone
 97 Actor Bannen
 98 "Sweet as Apple Cider" girl
 100 Basque region
 102 Balance-beam queen of 1972
 107 Arabian, e.g.
 109 Popular candidates
 110 Piccadilly Circus statue
 111 Domestic-affairs course
 112 Papal museum
 113 Facility
 114 Pickpocket, in slang
 115 Agents, for short
 116 Aspen and others
 119 Piece of gossip
 120 Silent's length, perhaps
 122 Walkman's bulky relative
 123 Ghosts writer and family
 124 Inverted V
 125 Means to an end
 127 Application form abbr.
 129 Actress Wallace of *Cujo*
 130 "Boy, ____ dummy!"
 132 Atlanta's Turner
 133 Empties a pool
 136 Russian poet Mandelstam
 138 Penguins' realm
 141 Where Anna Owens taught
 142 Stoogean statement
 147 Careless comments
 148 River through the Fens
 149 Justice of the peace
 150 The Badlands and the Everglades, e.g.
 151 Japanese ornamental trees
 152 Flybane plant

DOWN

- 1 Hyderabad district
 2 Countdown penultimate
 3 Eggs
 4 Sawyer's notch
 5 N. New York falls
 6 Seahawks' airport
 7 "Yea" follower

The World's Most Ornerly Crossword (Continued)

Don't Peek Until
You Read
Page 37!



Easy Clues ★

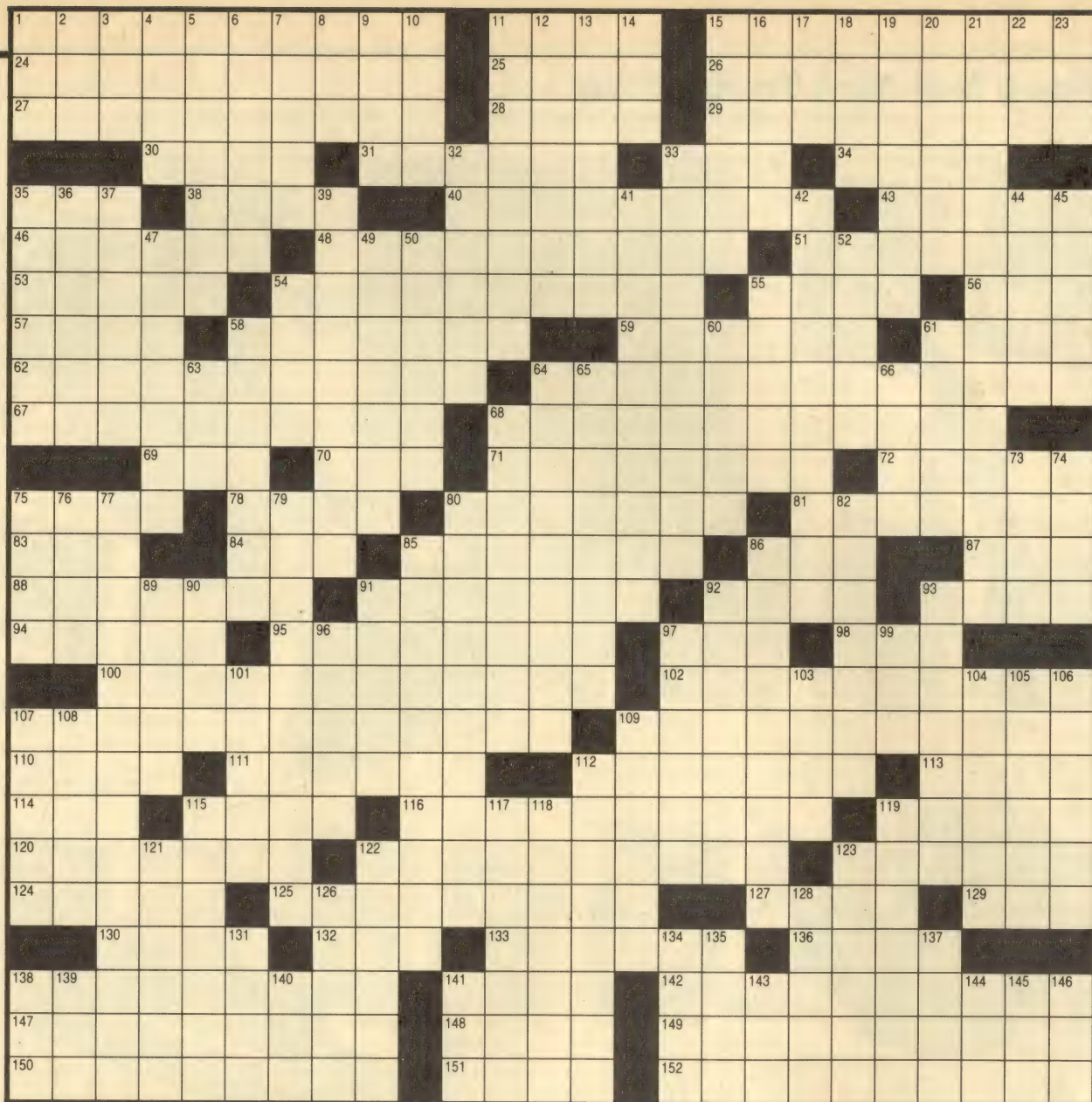
ACROSS

- 1 Sells every seat:
2 wds.
11 Puts in new turf
15 "His" or "hers"
item: 2 wds.
24 Settled in habit
25 Continental
prefix
26 Drop the ____
(end the
suspense):
2 wds.
27 Shuffles
28 Greek war
god
29 Jules Verne
moongooer
(CARIBBEAN
anag.)
30 Greek cheese
(FATE anag.)
31 Actor Auer
(CHAIM'S anag.)
33 Mustang or
Pinto
34 *Coup d' ____*
35 *Summa ____*
laude
38 Singer Marvin
40 ____ *Blue*
(controversial
movie of 1953):
3 wds.
43 Monk who has
achieved nirvana
(A HART anag.)
46 Short of
hemoglobin
48 Wake up: 2 wds.
51 "Our ____"
Sealed," Go-Gos
hit: 2 wds.
53 Eliot's ____
Marner
54 Best-selling film
guide: 3 wds.
55 "Oh, ____-tosh!"
56 Speed: Abbr.
57 Hit like ____ of
bricks: 2 wds.
58 Window: Fr.
(REEF NET anag.)
59 Perfumed
ointment
(APEDOM anag.)
61 Military
commander:
Abbr.
62 Badminton-like
rackets
(DEBTOR'S TALE
anag.)
64 Leaving on
horseback: 2 wds.
67 Copernicus was
one
68 Escaped when
seconds
counted: 4 wds.
69 20/20's network
70 ____ and outs
71 Heist helpers
72 Like a perfectly
pitched game
75 ____ in *Boots*
78 Past-tense
ending, in
England
80 Ore refinery
81 "There's no
doubt in my
mind . . .": 2 wds.
83 LBJ's veep
84 School honor
group: Abbr.
85 Fastening cords
86 Govt. drug
agency: Abbr.
87 Road: Abbr.
88 Mexican state
(AGROUND anag.)
91 Having lost
a husband
92 Vienna, to a
native
93 "Blessed are the
____"
94 Solomon's
Queen of ____
95 Unspecified
person
97 Author Fleming
98 Actress Lupino
100 French-Spanish
mountain range:
2 wds.
102 Popular 1972
gymnast: 2 wds.
107 Arab or Israeli,
e.g.: 2 wds.
109 Successful
politicians
110 God of love
111 School cooking
course: 2 wds.
112 Roman museum
(A RENTAL anag.)
113 Leisure
114 Ice cream scoop
115 Congressmen,
for short
116 Stowe and Vail:
2 wds.
119 Vague rumor
(I DON'T anag.)
120 Movie-short
length: 2 wds.
122 Sound system
type: 2 wds.
123 Playwright
Henrik and
family
124 Insertion mark
125 Advantageous
127 867-5309, e.g.:
2 wds., abbr.
129 Ruby or Sandra
130 Mudfish genus
(in MACADAMIAS)
132 TV's Koppel
133 Tub outlets
136 Poet Mandelstam
(IPSO anag.)
138 Of the South
Pole
141 Thailand, once
142 Comment from
Curly: 4 wds.
147 Irresponsible
gossip: 2 wds.
148 English river (in
MOUSETRAP)
149 Police-court
judge
150 Campers'
meccas: 2 wds.
151 Japanese
apricots (MUSE
anag.)
152 Rose-flowered
European herb:
2 wds.

DOWN

- 1 Indian town (RIB
anag.)
2 Dollar bill
3 Laboratory eggs

- 4 Notch made by
a saw (in
BEAKERFUL)
5 River of N. New
York: 2 wds.
6 Washington state
airport (A CASTE
anag.)
7 Yea ____: 2 wds.
8 Fall behind
9 Article
10 Mr. Arnaz
11 *The ____* (1955
John Wayne
movie): 2 wds.
12 Term for Dudley
Do-Right: 2 wds.
13 "You're kidding
yourself!": 2 wds.
14 "Help!"
15 Comedians ____
Ray: 2 wds.
16 Coleco
competitor
17 By way of: Abbr.
18 Heracles' wife
(in THE BEATLES)
19 Three-
chambered tomb
(HIT TRAP anag.)
20 Annual film
awards
21 Cry of discovery:
4 wds.
22 Geologic period
23 Singer Peggy
32 Navigates
33 Makes complex
35 Winter melon
36 Quarterback
Johnny
37 He hit 36
homers
in '38: 2 wds.
39 Cost cuts
41 Came up with
better strategies
42 Inserted:
2 wds.
44 Sports hall
45 Actor Savalas
47 Krishna verses
(TRANS AM
anag.)
49 End ____
(tumbling): 2
wds.
50 Bishops' caps
(REMIT'S anag.)
52 ____ a *Letter to*
My Love, '81
film: 2 wds.
54 "The Devil made
____ it!": 2 wds.
55 Piglike jungle
animal
58 Swordfighting
sport
60 Engine
61 Physicist George
____ (GO MAW
anag.)
63 Lofting tennis
shot
64 Intermediary
65 Artists' studios
(EARLIEST anag.)
66 Cotton
machines
68 Final words from
Pac-Man: 2 wds.
73 "It must've been
something ____":
2 wds.
74 TV's *Star ____*
75 Univ. degrees,
for short
76 "Nope!"
77 Con artist: 2
wds.
79 The Broadway
crowd: 2 wds.
80 Able to look
from side to
side, as some
turtles
82 Erich von ____,
Chariots of the
Gods! author
85 Resistant to wear
86 Hand's end
89 Lie ____ (late
risers)
90 Soccer league:
Abbr.
91 Not as well
92 ____ Mondale: 2
wds.
93 Weasel-like
carnivores (STAR
MEN anag.)
96 *Outland* director
Peter (AM SHY
anag.)
97 Steep odds: 3
wds.
99 Period
101 Girlish giggle
103 Turkish officials
(SAGA anag.)
104 Like an abacus
105 Pertaining to
bears
106 Sleeping
sickness fly
107 Type of French
wine (CODE M
anag.)
108 Women's chess
figure Levitina (IN
AIR anag.)
109 Biblical queen of
Persia (VA. HITS
anag.)
112 Star of TV's *Life*
With Father: 2
wds.
115 Calls it quits
117 Metallic
element
118 Clear the
cassette again
119 Woodwind
players
121 Put a new
disguise on
122 Small spots
123 Not take "no"
for an answer
126 Scrabble 8-
pointer: 2 wds.
128 Funnyman
Morris
131 Play's start: 2
wds.
134 ____ de plume
(pen names)
135 Playwright
George Bernard
137 Lima's country
138 European
peak
139 Free of taboo,
in Tahiti
(ONA anag.)
140 Rat-a-____
141 Not care a ____
143 Mature
144 Helium, for one
145 Actress Hagen
146 Longing



Answer Drawer, page 60

Hard Clues (cont'd)

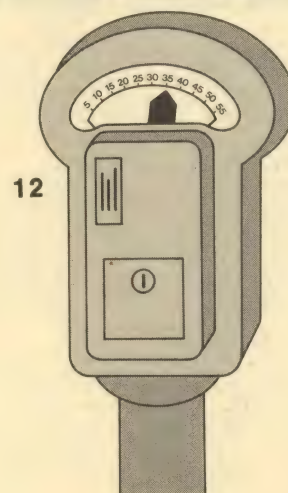
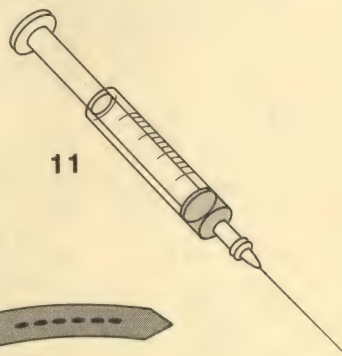
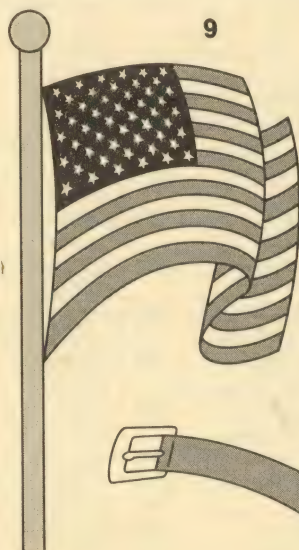
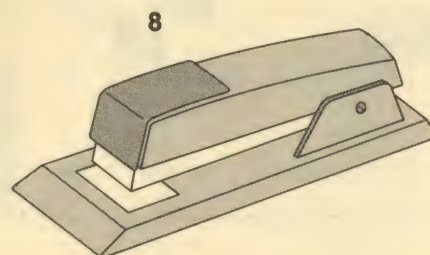
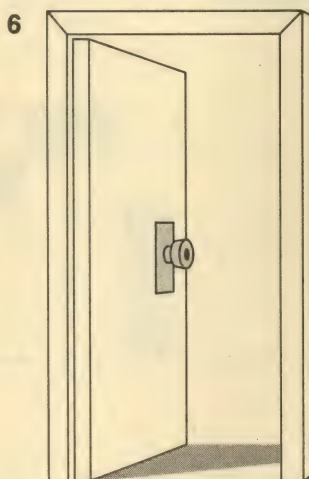
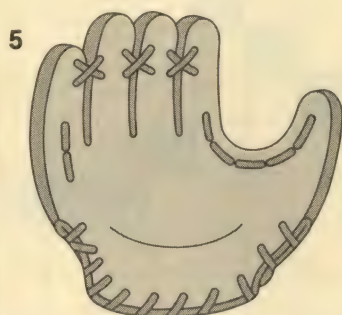
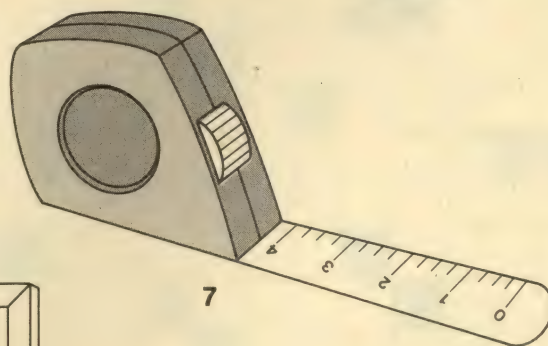
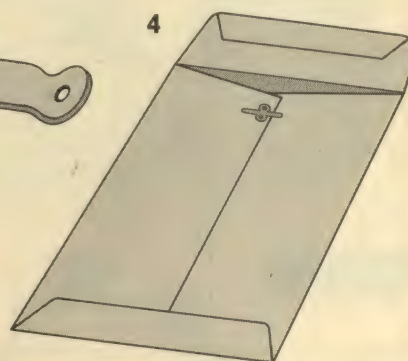
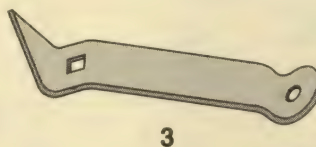
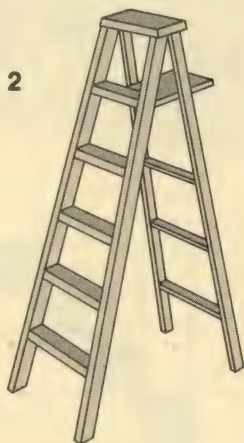
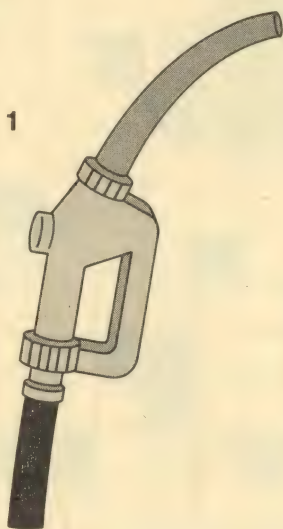
- | | | | | | |
|---|--|---|--------------------------------|---|--|
| 8 Trail | 21 "Well, now!" | 49 End ____
(spinning) | 74 Take a hike | 99 "I" piece | 123 Be adamant |
| 9 Object of gossip | 22 Long, long time | 50 Holy hats | 75 Some doctorates | 101 Snicker sound | 126 High value
Scrabble piece |
| 10 Lucy's ex | 23 Antietam loser | 52 "____ a letter to
my love" | 76 Lazy denial | 103 High Turks | 128 Mandel of <i>St.
Elsewhere</i> |
| 11 WWII Wayne
actioner, 1955
(with <i>The</i>) | 32 Takes the
wheel | 54 "Love ____,"
Beatles hit | 77 Shark | 104 Covered with
drops | 131 Broadway
opening? |
| 12 "When last we
left him, ____" | 33 Coils | 55 Rhino cousin | 79 Performers | 105 Bearlike | 134 Mark Twain and
Lewis Carroll |
| 13 1973 Aerosmith
hit | 35 Muskmelon's
cousin | 58 Selling stolen
goods | 80 Like some turtles | 106 Dread fly | 135 <i>St. Joan</i> author |
| 14 Sinking signal | 36 Super Bowl III
quarterback | 60 Drive a roadster | 82 Author Erich von
____ | 107 Bordeaux
variety | 137 Cuzco's country |
| 15 ____ <i>Carol and
Ted and Alice</i> | 37 New York Giants
slugger of the
'30s | 61 Nuclear physicist
George | 85 Proven, in a
way | 108 Actress Demick | 138 Gran Paradiso,
e.g. |
| 16 Name in video
games | 39 Milton
Friedman's
worries | 63 Toss, as a
grenade | 86 Printing place? | 109 Biblical queen | 139 Profane, to a
Maori |
| 17 Via: Abbr. | 41 Bested,
schemingly | 64 L.P. Hartley
novel (with <i>The</i>) | 89 Lie-____ (lazy
ones) | 112 Judy Garland's
father in <i>Meet
Me in St. Louis</i> | 140 Make lace |
| 18 Cupbearer to the
gods | 42 Hid, in a way | 65 Couturiers' digs | 90 The League of
the Cosmos | 115 Hits the hay | 141 Old French coin |
| 19 Tomb with three
chambers | 44 Bowl | 66 Rummy finales | 91 Sicker | 117 Pen point metal | 143 Vital statistic |
| 20 13½-inch
statuettes | 45 English "box" | 68 Arcade sign-off | 92 Fritz, formally | 118 Clear the board
again | 144 Laughing, e.g. |
| | 47 Veda hymns, | 73 "... ____ the
whole thing" | 93 Weasel's
cousins | 119 Violist's
neighbors | 145 Iguana-like lizard |
| | | | 96 2010 director
Peter | 121 Cover up anew | 146 Dough for rice
cakes? |
| | | | 97 Long shot | 122 Motes | |

Gone but Not Forgotten ★★

by Robert Leighton

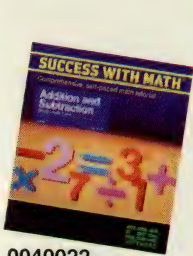
Each of the twelve items on this page is missing one important element that makes it very difficult, if not impossible, to use. Can you get a handle on just what's missing here?

Answer Drawer, page 64



TAKE ANY 2 FOR \$4.95 EACH

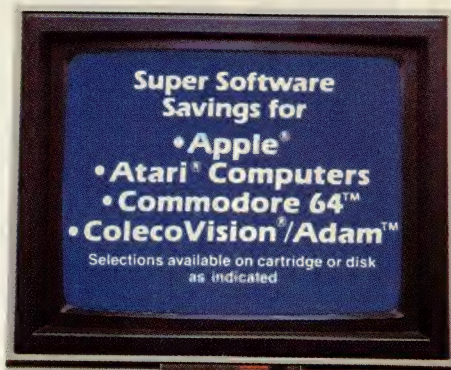
when you join the Columbia Software Club and agree to buy 4 selections at regular Club prices in the next 2 years



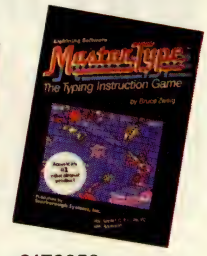
0040022
Addition/Subtraction
0041012
Multiplication/Division
Both available for
C-64, Atari H.C.
and Apple: disk.



8035022
Zaxxon
ColecoVision/Adam, C-64:
cart; Atari H.C.: disk
and cart; Apple: disk.



8111092
Star Trek
ColecoVision/Adam,
C-64, Atari H.C.:
cart; Apple: disk.



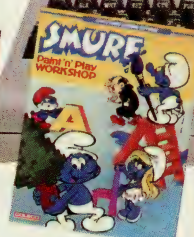
8172052
Master Type
C-64, Atari H.C.:
disk and cart;
Apple: disk.



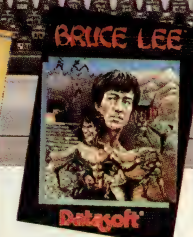
8122062
Pitfall II
ColecoVision/Adam,
Atari H.C.: cart;
C-64: disk and cart.



8100022
Choplifter
C-64, Atari H.C.:
disk and cart;
Apple: disk.



8159022
Smurf
ColecoVision/Adam:
cart.



8123052
Bruce Lee
C-64, Atari H.C.
and Apple: disk.



8216032
Seastalker
C-64, Atari H.C.
and Apple: disk.



8101012
Lode Runner
C-64, Atari H.C.:
disk and cart;
Apple: disk.



8090042
River Raid
ColecoVision/Adam,
Atari H.C.: cart;
C-64: disk and cart.



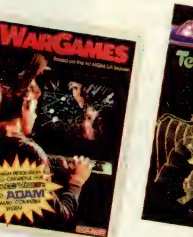
8120082
Frenzy
ColecoVision/Adam:
cart.



8124042
Cabbage Patch Kids
ColecoVision/Adam:
cart.



8150012
Summer Games
C-64, Atari H.C.
and Apple: disk.



8149052
WarGames
ColecoVision/Adam:
cart.



8102002
Temple of Apshai
C-64, Atari H.C.
and Apple: disk.



8215042
Beach-Head
C-64, Atari H.C.:
disk.



8103092
Pitstop
C-64, Atari H.C.:
cart.



8229082
Pitstop II
C-64, Atari H.C.
and Apple: disk.

Here's a great selection of sensational software for every member of the family—at super savings! You've seen these software selections in stores anywhere from \$19.95 and up—yet, now, you can have any two for the fantastic low price of only \$4.95 each! That's our way of introducing you to the Columbia Software Club—a brand-new service that delivers the best software for Atari® Home Computers, Apple® Commodore 64™, Adam™ and ColecoVision® systems...right to your home, and at great savings!

How the Club works: about every 6 weeks (up to 9 times a year) you will receive the Columbia Software Club Magazine. In it you'll find out about an exciting variety of the newest software available: simple shoot-em-up adventures, more challenging strategy software, learning software to help the entire family acquire new skills—how to type, master basic math, budget your finances, and much more.

In addition, each issue of the magazine announces the "Pick-Hit Selection"—an outstanding software selection specifically for your system. If you want only this Selection, you need do nothing—it will be sent to you automatically. If you want one of the alternate selections—or

nothing at all—just tell us so on the response card always provided, and mail it by the date indicated. You'll always have ten days to make your decision. If you ever receive a selection without having had ten days to decide, you may return it at our expense.

The selections you order will be mailed and billed at regular Club prices—which currently begin at \$24.95 and are less than list prices! (A shipping/handling charge and applicable sales tax is added.) Remember, you don't have to buy a selection every time you hear from us—your only membership obligation is to purchase four selections, at regular Club prices, in the coming two years. And you may cancel membership at any time after doing so. If you decide to continue, you'll be eligible for our generous money-saving bonus plan.

10-Day Free Trial: we'll send you complete details of the Club's operation with your introductory selections. If you are not satisfied for any reason whatsoever, just return everything within 10 days for a full refund and you will have no further obligation. So act now!

All applications subject to review, and the Columbia Software Club reserves the right to reject any application or cancel any membership.

COLUMBIA SOFTWARE CLUB, Dept 2QY
3000 North 35th Street, Terre Haute, Indiana 47811

102

Please accept my application under the terms outlined in this advertisement—and send me the 2 selections indicated below, for which I am enclosing check or money order for \$9.90 (that's \$4.95 for each selection). I agree to buy 4 more selections at regular Club prices in the next 2 years.

Write in numbers
of the 2 selections
you want

--	--

Send my selections for the following system (check one system only):

☐ ATARI® HOME COMPUTERS 2 COMMODORE 64™ 4
☐ APPLE® 3 ☐ COLECOVISION® & ADAM™ 5 (cartridges only)

If you have selected Atari Home Computer or Commodore 64 software—
be sure to check the type of format you prefer (check one format only):

☐ CARTRIDGE A ☐ DISK H

Name _____
(please print) First Name Initial Last Name

Address _____ Apt. _____

City/State _____ Zip _____

Do you have a telephone? (check one) ☐ Yes ☐ No

Parent's Signature
if under 18 _____

Offer not available: APO, FPO, Alaska, Canada, Hawaii, Puerto Rico

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Interbank No. _____

Credit Card No. in full _____

Expiration date _____

Signature _____

103

CALL OUR BLUFF GOES

HIGH TECH



Everyone seems to be a guerrilla soldier in the electronic revolution. People who don't know a microchip from a Chipwich are mesmerized by the latest gadget, whether it's a talking camera or a postage stamp-size TV screen.

Not Jeremy Piltdown. The doyen of deception doesn't even own a pocket calculator. But he does enjoy fooling folks who pride themselves on keeping abreast of high tech. Amid his list of noteworthy electronic marvels, can you spot the ones he made up?

Answer Drawer, page 60

TATTLE TALE

The kids who attend—or rather, *don't* attend—West Hill High School in Stamford, Connecticut, now have to contend with TelSol, the computer truant officer. When a student is absent from school without having been excused in advance, the computer calls home—and will continue to do so if it gets a busy signal or no answer. Once TelSol gets in touch, it purrs: "Your child has been absent for one or more periods today. Please let us know the reason." At the sound of the beep, parents can record an excuse. Kids may, of course, program their own computers to call TelSol with a message explaining why Chuck has to miss school for the rest of his life.

FIRE!

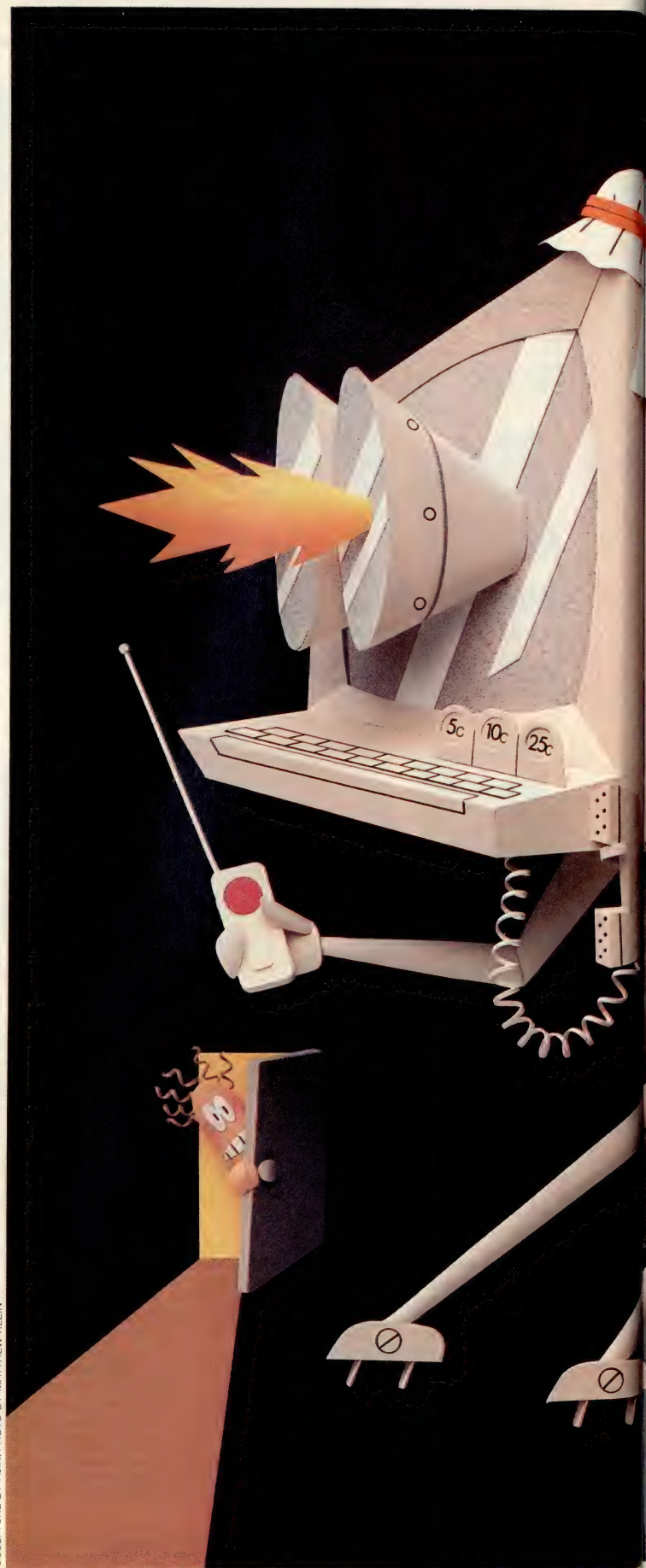
What would you do if your computer suddenly burst into flames? Reach for Compu-Fire, that's what. Developed by Protectall Corporation expressly for use on computer conflagrations, Compu-Fire is a 10-inch, 2¼-pound device filled with Halon 1211, a chemical that leaves no residue harmful to a computer's electronic parts. It comes with its own itty-bitty wall bracket for easy mounting. We're looking for itty-bitty slickers, hatchets, and hoses to go with it.

WAIT UNTIL DARK

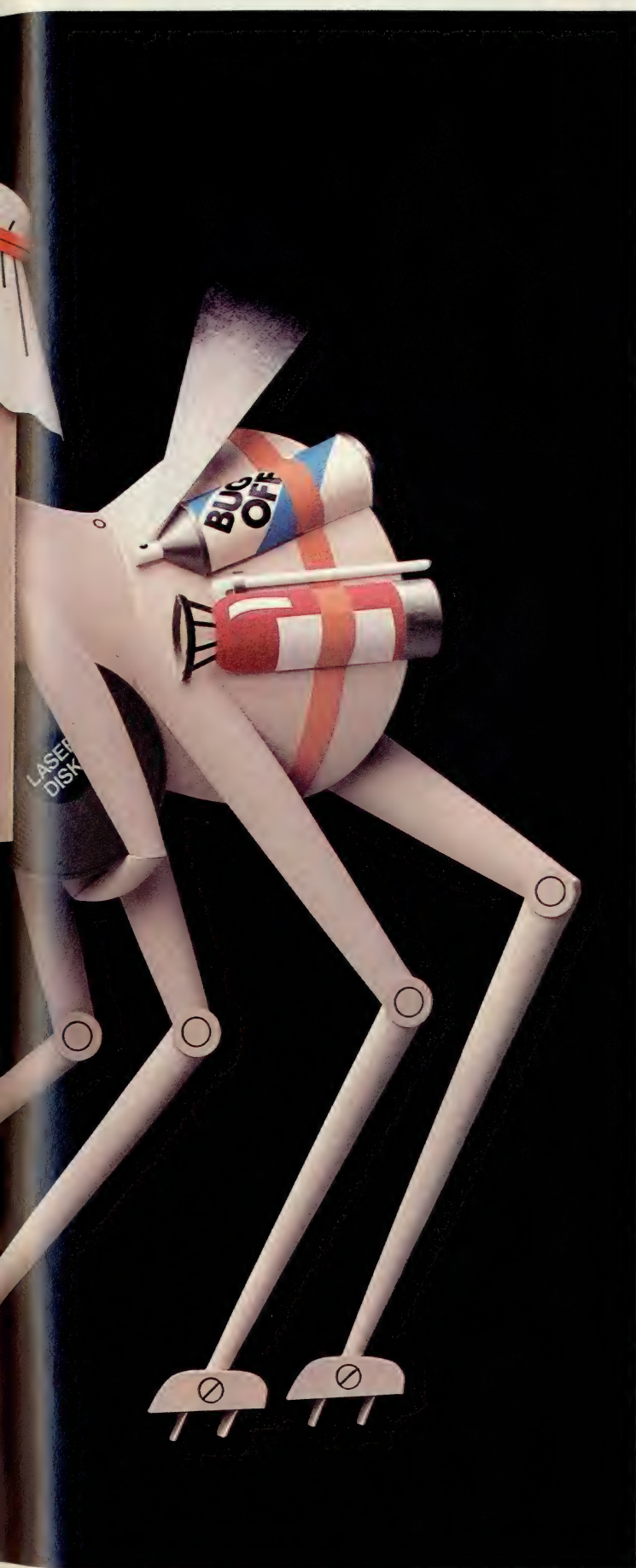
Eating carrots may improve your night vision, but you can eat them until the palms of your hands turn orange and still you won't be able to read in a totally dark room. Unless you buy a pair of night-vision goggles. These \$7,000 spectacles use fiberoptic wafers and cathode ray tubes to amplify even the most meager light 18,000 times. Thus insomniacs can stay up reading *The Decline and Fall of the Roman Empire*—or checking out centerfolds—without disturbing slumbering spouses.

REACH OUT AND ACCESS SOMEONE

Hackers with far-flung opponents or pen pals spend a lot of time at their modems, those modish little boxes that let computers talk to one another over telephone lines. The problem is the astronomical phone bills. No more. The pay modem, equipped with OCR (optical character recognition), has slots that accept quarters as well as paper currency in \$1, \$5, and \$10 denominations. Thus, claims the developer, Modern Modems, Inc., you're always aware of how much you're spending and are apt to be more thrifty when networking. And since you pay as you go, those end-of-the-month phone bills won't hang so ominously over your head.



SCULPTURE BY AJIN/PHOTO BY MATTHEW KLEIN



I WANT MY MTV

What does Michael Jackson have that you don't? If you answered about \$70 million and a llama, you might be right, but if you said music videos you'd be wrong. You, too, can make music videos right in your own home. True, it won't be you strutting your stuff like Bruce Springsteen on the screen, but it will be your voice singing along with such prerecorded pop tunes as "Yesterday" and "The Way We Were," as a filmed story and the lyrics to the songs flash on screen. All you need is a Pioneer laser disc player, an amplifier, a microphone, and a special Japanese-made laser disk called the Karaoke, which contains both the visual and musical accompaniments. Take, for example, "Yesterday." As you croon the words in your best imitation of Paul McCartney, a gangster and his moll set out for a ride in their roadster along with a couple of henchmen. They come upon a Dust Bowl Depression family, and the moll reveals her heart of gold by leaving them some ill-gotten gains before she and her beau ride off into the sunset. What does this have to do with "Yesterday"? Beats us.

FINDERS BLEEPERS

Are you the sort who's always losing things, the kind who runs around the house hunting for a pair of socks only to find they've been in your hand the whole time? If so, Finders Bleepers can help. This hand-held transmitter, available from Hammacher-Schlemmer for \$54.50, picks up sonic waves from a receiver that you attach to the things you most often misplace—keys, handbag, children, etc. The signal can penetrate closets and cupboards and can travel a distance of 15 feet indoors and 30 feet outdoors. So when you get within range of the misplaced item, the gadget starts to beep and a red light begins to flash like mad. The only problem is, what happens if you misplace the transmitter?

BUG OFF

Having stayed up four nights in a row to complete the 85th page of coding, there's nothing worse than finding a bug in your computer program. It means hours of work, searching for the misplaced comma or semicolon that's causing the endless loop. Instead, try Bug Off (\$50), an automatic bug "killer" that combs the program and picks up the bug. Simply slip the Bug Off disk into your disk drive and run your program. Bug Off takes care of the rest. The motto of its manufacturer, Ex-terminal, Inc.: "The bugs check in but your program checks out."

SALAAM

Mecca always knows where it is, but wandering Moslems disoriented by jet lag may not. The solution? An electronic prayer guide made by the MicroStar Company that gives the direction of Mecca so the pious will know which way to face when they pray the requisite five times a day. Enter into the paperback-size instrument (in plastic, \$400, or brass, \$700) the name of the city you're in and press a button—the computer does the rest. It even beeps at worship time and displays the opening verses of the call to prayer on a liquid crystal display screen.

PRESCRIPTION MONITOR

Long hours of staring at a computer monitor can be hard on anyone's eyes, but for those who wear glasses, the strain is felt also on the nose and ears. MonitoRx, the prescription monitor from Ophtho-Tech Industries, allows those with vision problems to play or program long into the night without their glasses. The monitor's glass screen is removed, and the user's ophthalmic prescription is ground into fine optical-quality glass, which is then installed in place of the original. The service will correct both near- and far-sightedness (\$370)—but they still haven't worked out astigmatism.

When an animal was reported stolen from the Kalama Zoo, Detectives John Singer Sargent and John Constable rushed to the scene, followed by Sgt. William Penn, a police stenographer, and Patrolwoman Nancy Walker, a flatfoot.

Walker gathered together the bystanders who had been near the scene of the crime. As bad luck would have it, this was no ordinary group of witnesses. They were all members of the Kalama Puzzlers Troupe (KAPUT) on their annual outing to observe elands, okapis, emus, and gnus.

Preliminary questioning elicited the bare facts. The beastnapper had been in disguise. His first name was called out by his accomplice. No one had seen the license plate of the getaway car, but they all agreed it had a bumper sticker touting a city, and they could also name its make and color.

Since by now all the members of KAPUT were shouting at once, Detective Sargent held up his hand for or-

NAMING NAMES

Carroll's apron. His car was a two-door Joel Gerald with an I ♥ MOREY sticker. His accomplice yelled, 'Go, Sandy!'

"My dear Merv and Henrietta, you are blind or senile or both," Eugenia Mazurka said. "The villain was dragging a ferocious Virginia. He was togged out as a Third Degree Marsha. His car was a Vida Fritz LeBaron with a tacky sign saying I ♥ JOHN. The driver of the car yelled, 'Hoof it, Beatrice!'"

"Sorry, Eugenia, you're the one with the vision problem," Mike Shrink said. "The thief carried only a tiny twittering Sir Christopher in one hand, while in the other he carried some rubber soles, playing out his role as a Willie. As he ran to his vintage Jack Rock with an I ♥ JULIE legend, somebody yelled, 'Right on, Benedict!'"

"I'm ashamed to be in the same club as you, Mike," Bill (Boxer) Shorts said. "As I saw it,

the robber had a little woolly Charles under his arm and was appropriately dressed as a Cybill. His car was a natty Pete Vance with an I ♥ GROVER sticker, if you can believe that. His accomplice, running ahead of him, shouted, 'Time to trot, Elton!'"

"Obviously no one but me was watching," said Jack Izzatso. "The napper was gingerly holding a big hermit Buster and was wearing his Alistair's toque. His class-act car was a Betty Abe saying I ♥ BUSBY on the bumper. His getaway driver said, 'Chill out, Woody!'"

The detectives' eyes had glazed slightly during this recital. They returned to semi-consciousness on the arrival of a dapper gentleman carrying seven cups of 7-Up. "I'm sorry to

be late, sir, but we were parched. Can I help now? My name is Will Wangle and I'm the president of the troupe. I was nearest to the beastnapping and know exactly what happened." He chuckled. "Sometimes my troupe-mates can get overexcited."

"Thank God for a little sanity," Detective Sargent said. "Just give us the facts, Sir."

Wangle read through the transcripts of the KAPUT stories. "Well," he said, "At least everyone had *one* thing right. However, here's the way it actually was." He checked the depositions again and stared up at the sky.

"The thief stole a prizefighter while disguised as a jockey. He escaped in a baseball-pitcher-colored humorous poet with a bumper sticker reading, I ♥ A 1930S FILM DIRECTOR! His accomplice called him a rock star. I hope that clarifies everything," he said with a twinkle.

Detective Sargent had begun to make small mewing noises and to pluck at his hair, but he was saved from a breakdown by the whining sirens and flashing lights of a squad car, which screeched up to the scene. Its front door burst open and Chief Louis Prima plunged out. "OK, Sargent," he bellowed. "We got the perpetrator red-handed trying to sell the poor animal on a street corner. They're both down at the station now and you're off the case."

"And not a minute too soon," murmured Sergeant Penn, crumpling up the depositions and tossing them into a nearby trash can.

As the police left, the zoo quieted, and KAPUT moved on to the ibex cages. Patrolman Nancy Walker came back, retrieved the crumpled depositions, and stuffed them in her pocket.

The following day, Will Wangle got the following letter from Walker.

"Dear Sir: You were right on all counts. Herewith I enclose my translation of all seven depositions, along with a request for a membership application to KAPUT."

After translating the six troupers' statements, can you also figure out Wangle's summation, in which he takes the one correct element from each deposition but instead of naming the famous persons describes their occupations?

Answer Drawer, page 60



der. "We'll go one at a time," he said, "and Sergeant Penn will take down your depositions. From each of you I want to know the animal that was stolen, the nature of the thief's disguise, the make and color of the car, what the bumper sticker said, and what name you heard the accomplice call."

Merv Beagle began. "Well," he said, "I saw the thief grab a cute little Redd. He was disguised as a Christopher, complete with a big wrench, and while he was leaping toward his ancient Lorne Ogden, with a bumper sticker reading I ♥ IRVING, a voice came from the bushes saying, 'Good show, Dylan!'"

"Nonsense, Merv," Henrietta Hoax put in. "He pinched a large white polar Max while wearing a white

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Diplomats

A Bloodless Battle for Two Players

by R. Wayne Schmittberger

If chess is an abstraction of war, how differently might the game have evolved in a world where war was unknown? Perhaps a strategy game like this one is played on some peaceful planet, where a nation can conquer its neighbor not by war but by infiltrating its citizenry with enough key people to gain political control.

Equipment

Players will need the board shown and two contrasting sets of pieces, each consisting of seven "emigrants" and four "diplomats." Each set of diplomats consists of two "consuls," one "negotiator," and one "ambassador." Coins may be used as pieces, one player showing "heads," the other "tails," with pennies as emigrants, nickels as consuls, dimes as negotiators, and quarters as ambassadors. Or pieces may be improvised from chess sets, paper, or cut-up photocopies of the pieces shown on the board.

Setup

The pieces are placed on the board as shown (each piece is represented by its initial). The players move alternately; either side may move first.

Object

The first player to move all seven of his emigrants into the embassy on the opponent's side of the board is the winner. A player also wins if none of his emigrants is able to move (such a position is extremely rare).

Play

1. Each player moves one of his pieces per turn.

2. An emigrant may move onto any adjacent unoccupied square. Here, as well as everywhere else in these rules, "adjacent" is defined as one square away in any direction—horizontally, ver-

tically, or diagonally.

3. A diplomat may move any number of squares in a straight line in any direction (horizontally, vertically, or diagonally), onto an unoccupied square, provided that *all* the squares that it passes over are either completely *unoccupied* or completely *occupied* by other pieces. In the latter case, the pieces jumped over may belong to either or both players. However, a piece may never jump over the opposing ambassador.

4. Unlike other pieces, an ambassador—in addition to having the same movement abilities as any other diplomat—may move onto an occupied square if he began his move adjacent to that square. The previous occupant of that square is pushed to the next square along the same line that the ambassador moved. If the next square is also occupied, its occupant too is pushed one square in the same direction, and so on. An ambassador may push pieces belonging to either or both players.

There are two restrictions: An ambassador may not push (or cause to be pushed) the opposing ambassador; and an ambassador may not push any piece off the board. There is one important exception: An emigrant that has advanced to the last row may be pushed into the embassy.

5. Consuls and negotiators improve the mobility of their own emigrants to which they are adjacent, as follows:

(i) An emigrant adjacent to one of its consuls may move either one or two squares in a straight line in any direction; an emigrant next to *both* of its consuls may move up to *four* squares in a straight line in any direction. In either case, the emigrant may not land on or pass over any occupied squares.

(ii) An emigrant adjacent to its negotiator may move any number of squares in a straight line in any direction and onto an unoccupied square, so long as all the squares passed over are *occupied*.

The pieces jumped over may belong to either or both players—but an emigrant may not jump over the opposing ambassador.

6. Diplomats may not enter the embassies or otherwise leave the playing area.

7. No piece may ever capture another.

Entering the Embassy

An emigrant enters the embassy on the far side of the board by moving beyond the last rank of squares. An emigrant may enter the embassy with a normal one-square move, or as the result of a push by an ambassador, or by making a special move with the help of its negotiator or one or both consuls. An emigrant may not move off a corner of the board diagonally away from the center.

Variations

Players may experiment by adding or substituting additional kinds of diplomats of their own invention or some of the following types:

Delegate—switches places with one of its own emigrants, provided that both are on the same line (horizontal, vertical, or diagonal) and that none of the intervening squares are occupied.

Peacekeeper—eliminates all special powers of any opposing diplomats to which it is adjacent (including the ambassador's ability to push and its immunity from being pushed or jumped over), unless the peacekeeper itself is adjacent to an opposing peacekeeper.

Courier—attracts or repels any one piece belonging to either player, any number of unoccupied squares along a straight line on which both the courier and the affected piece are located.

Plenipotentiary—rearranges any or all adjacent pieces onto any or all adjacent squares; affected pieces may belong to either or both players, but only one emigrant may be so moved in a turn. The opposing ambassador may not be moved.



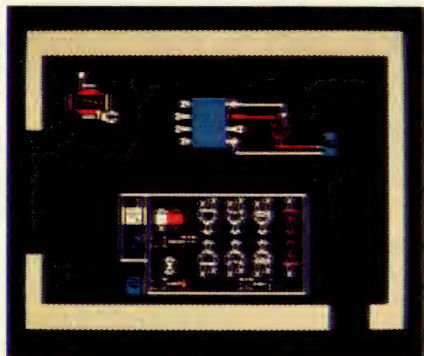
GAMES & BOOKS

Edited by R. Wayne Schmittberger

Robot Odyssey I by Mike Wallace and Leslie Grimm (The Learning Company, on disk for Apple, requires 64K; around \$50)

This is a game of nearly limitless depth, and it poses puzzles of unequalled intricacy. To find your way out of Robotropolis, an underground city of robots, you must program and reprogram three friendly robots that can go places and do things that you cannot. This means going inside them on the screen and using keyboard, joystick, or mouse to rewire their circuits as if you were an electrical engineer.

Much of the two-sided disk is a "Tutorial" that teaches you, step by step, how the robots and their circuits work. All the robots have the same basic design. Each has four bumpers (one on each side) to detect contact with a wall, four thrusters to propel it in various directions, a grabber to pick up objects, an antenna that can send and receive signals to and from other robots, and a battery that can run down. You can hook up these parts however you wish. For starters, you might wire the bumpers to the thrusters to make the robots move according to which walls they bump into. Next you can put in sensors, enabling the robots to seek or avoid certain objects. Then you may add items from your "tool kit," which contains nodes, flipflops, and logical gates—the basic components of a computer's logic circuits. (An "AND gate," for example, has two input terminals and one output; current will flow from the output if and only if it is being applied to both inputs.) These components—found also in the company's previous game *Rocky's Boots* (GAMES, December 1983)—can be hooked into your robots directly, or placed inside chips that you build and test in an "Innovation Lab" and later install in the robots.

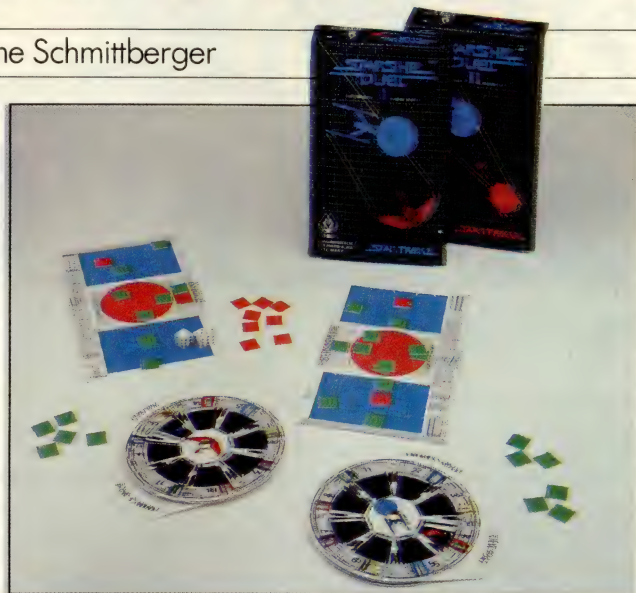


Chips are initially blank rectangles with eight prongs that can serve either as inputs or outputs and can be wired to have many different uses when added to a robot's circuitry. And here's where *Robot Odyssey* gets truly mind-boggling: After building a chip, you can shrink it down and use it as part of the circuitry of *another* chip. Repeatedly "nesting" chips inside other chips allows your robots to do almost anything—if you're clever and persistent enough.

As the Robotropolis adventure takes you through the city's five hazardous levels, you must discover more and more advanced techniques for wiring your robots. Some problems may take hours or days to solve. And if you finish, you can experiment endlessly in the Innovation Lab.

Robot Odyssey I has outstanding educational and entertainment value, and is a strong candidate for best software of the year in both categories.

—R. W. S.



Starship Duel I & II (FASA Corporation; \$6 each)

There's always been a special allure to the portable game that you can enjoy on the plane or the commuter train. These innovative space battle games are just the ticket to make your trans-Atlantic travel time fly by.

Each duel pits a Federation starship against an evenly matched opponent. *Duel I* has a weakened *Enterprise* (from *Star Trek III*) facing a Klingon *Bird of Prey*. The second game features a contest between the U.S.S. *Reliant* and a Klingon L-9 frigate. All the starships differ in their maneuverability, weapons, and power, yet the battles are remarkably balanced.

To maneuver their ships, players use devices called "Navigation Wheels." Each wheel has three levels. You turn the top layer to move your ship, while the bottom layer records the enemy's maneuver. You can then see a number that tells both players where to turn the middle layer, the viewport, to see the new relative positions of the ships. It's intriguing (and difficult) to try to second-guess the other commander and get into firing position.

The Ship's Statistics Cards record which shields each player decides to turn on and which weapons he readies to fire. These decisions are crucial because they'll be in effect for three rounds of combat and movement. And the effect of hits is cumulative, causing reductions in power.

Combat is a simple matter of seeing whether any of your weapons are aimed at the other ship and then making the appropriate dice roll for that weapon. Damage can be taken against shields or the ship's superstructure, but there's also special damage that affects maneuvering and weapons. There's a solo version where you fight a drone ship, and it's surprisingly challenging.

The complete game is a tense battle, but you can use the wheels by themselves for a fast head-to-head game you can stick in your pocket. Good things can come in small packages, and these Duels are a case in point.

—Matthew J. Costello

Double Talk (Continental G.I., available from Just Games, 133 Meadbrook Rd., Garden City, NY 11530; \$12 plus \$2 postage)

In this easy-to-learn, fast-paced word game, players race to form a pair of four-letter words. but even though the goal is simple, interesting decisions are faced at almost every turn.

Up to four can play. Each player has his own board, showing two rows of four spaces each, plus two extra spaces at the bottom. The spaces are numbered 1 to 4 in each row, and the extra spaces are numbered 5 and 6. Cards showing letters of the alphabet are dealt onto each board's rows of spaces. Then, in turn, players throw two dice, choose one of the two numbers showing, and then replace a letter card that is on a space having the chosen number. The player may either replace that card with one from the deck (which he may not see in advance), or switch it with another card on the same half of his board (the left and right sides are differently colored to make the division clear). The extra spaces are treated the same way, except that they are initially empty, and a player must use a throw of 5 or 6 to deal a card to one of those spaces before any switches to or from the spaces are possible.

When a player has four-letter words in both rows, the round ends and he earns the point value of the letters used in



his words (these appear on the letter cards). Additional rounds are played until someone achieves a certain point total, which usually requires winning about three rounds. Especially skillful word-game players may prefer to remove some or all of the wild cards, which can represent any letter, to make the game more difficult.

—R. W. S.

The Oxford Guide to Word Games by Tony Augarde (Oxford University Press, 1984; 240 pages, \$12.95)

Words are far too important to be used just for communication. As *The Oxford Guide to Word Games* shows, they are a rich source of tools for play.

The word games here are organized, appropriately, into 26 varieties and their offshoots—from pure wordplay like acrostics and spoonerisms to competitive games such as Scrabble, Ghost, and Jotto. The book is stuffed with examples of alphabetical oddities: palindromes, which read the same backward and forward ("Sex at noon taxes"); pangrams, which contain all 26 letters of the alphabet ("Blowzy nightfrumps vex'd Jack Q."); and Tom Swifties, which are adverbial puns ("Let's trap that sick bird," said Tom illegally"). It's hard to stop.

Besides examples, *The Oxford Guide* contains a wealth of anecdotes—literary and otherwise—about wordplay. We read, for example, that Queen Victoria used to create acrostics "for the amusement of the royal children," and that Winston Churchill refused to play charades at Windsor Castle, calling them "inane and a waste of time for adults." The book is filled with trivia of this sort, much of it appearing outside the original references for the first time.

The author, an editor at the Oxford dictionaries in England, is a different sort of writer from Dmitri Borgmann or Willard Espy, the master American wordsmiths, whose books are liberally laced with their own literary wit. Augarde is more the connoisseur, who collects the wit of others. His research is well-organized and superbly thorough, with the possible exception of modern American work in such magazines as *Word Ways* and *The Enigma*, with which he does not seem to be well acquainted.

We were completely entertained, though, and expect this to become a handy and much-thumbed reference. —W. S.

ETCETERA

Beat It! (available from Bits & P.C.'s, 1850 Union St., #490, San Francisco, CA 94123; \$9.95 plus \$1.50 postage) is a very light

hammer with a foam head, which comes complete with a 14-page Owner's Manual explaining all the ways you can use it as a "stress reduction tool"—from bashing your alarm clock to beaming a smoker who's lit up in a nonsmoking section. A truly harmless gag gift.



New In Chess (International Chess Database, Amsterdam, Holland; 1 vol. hardcover, \$47.50, or 2 vols. softcover, \$37.50) is a monumental compendium of the chess openings as played in the years 1970–1982, with more than 2,800 opening variations, 1,500 complete games, 2,500 game fragments, analysis by top grandmasters using an international coding system, and several useful indexes, all produced by computer and beautifully organized and printed. Annual supplements and a monthly magazine will keep it up to date.

Four-Color Playing Cards

(available from Weiss Co., Box 1003, Kapaa, HI 96746, \$4.95 includes postage) is a standard, very good quality poker deck with one difference: For greater ease of recognition, each suit is a different color. Spades are purple, hearts red, diamonds blue, and clubs green. But may a klondike solitaire player put a green club on a blue diamond?



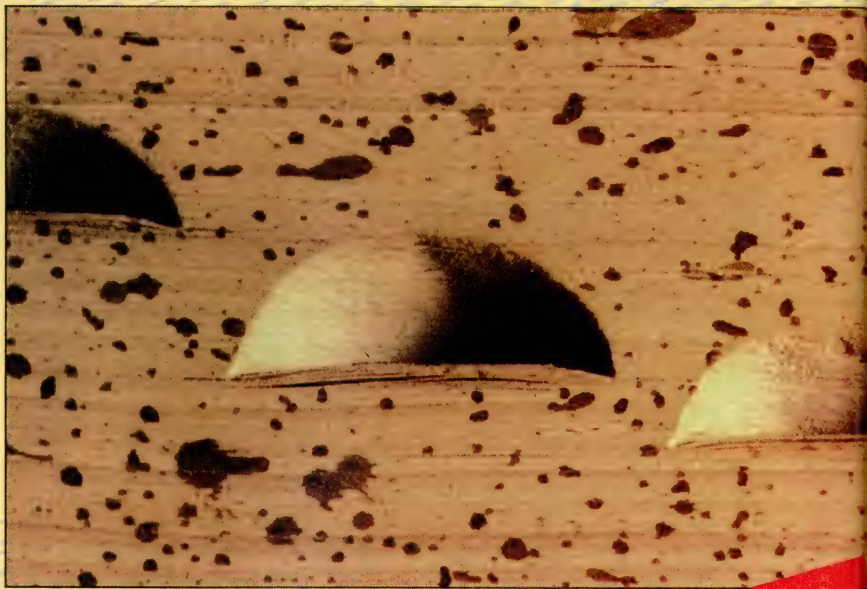
HOT SHOTS

The nose of a pig ... the inside of a rose ... close-ups of lawn chairs and ceiling fans ... and, for some unknown reason, more shots of St. Louis's Gateway Arch than we could count.

These were among the 2,000 playful and puzzling photographs submitted in response to July's Photo Synthesis contest, challenging entrants to create Eyeball Benders. Some 500 readers complied by photographing, it seems, anything that didn't move.

The grand-prize winner, who will receive a JVC video cassette recorder and a video camera, was David A. Gwinn, of Wetherford, OK, whose entry appears at right. Ten of the runner-up entries are shown here; two more will appear in future issues. All the runners-up will receive GAMES T-shirts. So, then ... what are these objects?

Answer Drawer, page 58



DAVID A. GWINN, WETHERFORD, OK



ANNE PHILLIPPI, COLUMBIA HEIGHTS, MN



KEVIN KOOY, LETHBRIDGE, ALBERTA



TERRY FRAVEL, DELTA, CO



JOHN J. ELLIS, TUCSON, AZ



S. PHONGMEKHIN, CAMBRIDGE, MA

6



J.S. McNEILL, YARKER, ONTARIO

7



CHRIS COLE, BUCHANAN, NY

8



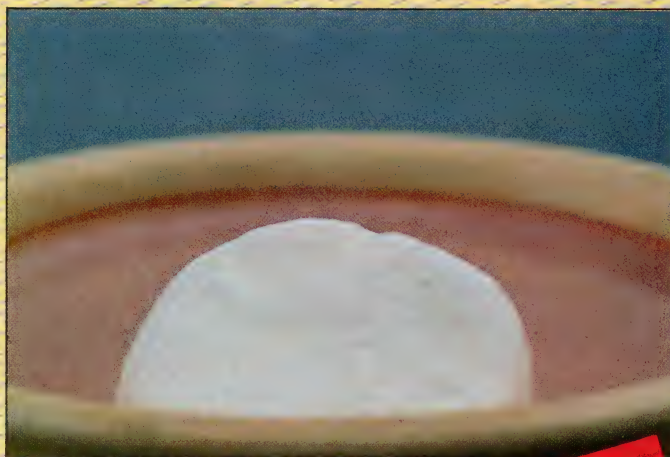
KATHY CONROY, ROCKLEDGE, PA

9



CARL FRAVEL, DELTA, CO

10

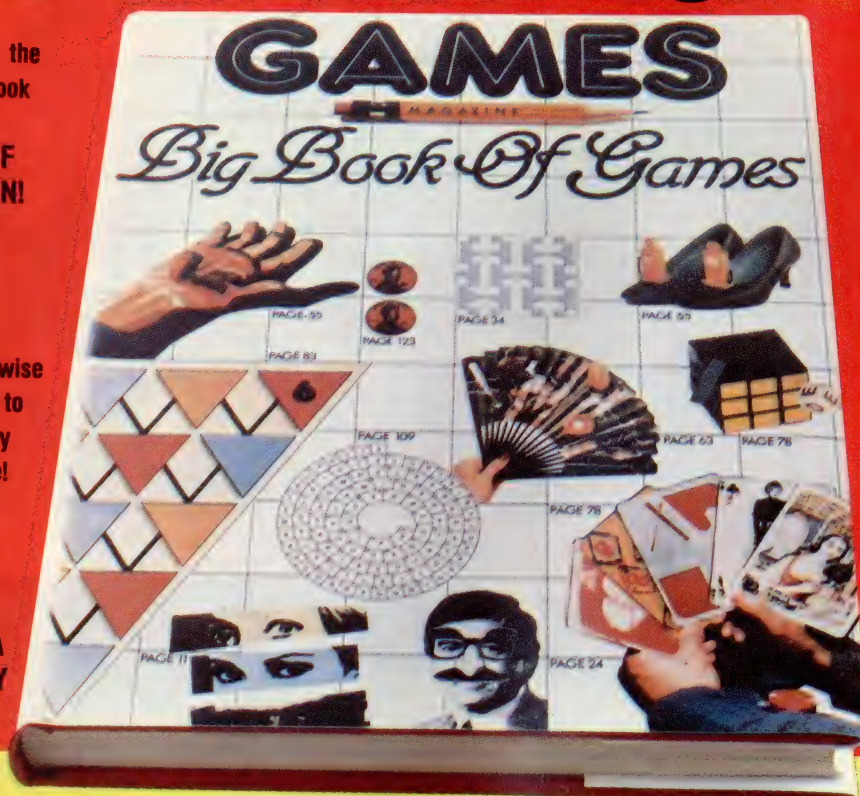


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CONTEST RESULTS

HIDDEN CONTEST

From July 1984

If you watched our program, you found the July Hidden Contest—the message was concealed in the illustration of a computer printout running down the right side of the "Following Orders" logic puzzles on page 22. Ignoring all punctuation, as well as the three-digit numbers that began each line, 2,000 readers deciphered the message: YOU HAVE FOUND THE HIDDEN CONTEST. SEND US SOMETHING RED, WHITE, AND BLUE BY AUGUST 15. TWENTY ENTRIES CHOSEN AT RANDOM WIN GAMES T-SHIRTS.

So 2,000 cheers for the red, white, and blue! We'll save your entries and throw a Fourth of July party next summer—we've got tricolor invitations, tricolor jelly beans and popcorn to serve on paper plates with matching napkins, a few six-packs of tricolor beer cans, appropriate socks for the whole office, a pair of swimming trunks for some lucky guy, and a roomful of flags, stickers, and some fine needlework—see below for a sampling. No one, alas, sent fireworks, but we did receive something close: a few computer-graphics programs, including a razzle-dazzle disk of animated words from Tammy Andrews, of Norfolk, CT.

The 20 T-shirt winners are: Nancy Addeo, Livingston, NJ; Raleigh Apol, Sunnyside, WA; J. C. Bailey, Spartanburg, SC; Ross N. Berggren, San Jose, CA; Noel M. Brown, Kirkwood, MO; Jerry Campion, Minneapolis, MN; Russ Ceccola, W. Conshohocken, PA; Emily Chang, Palos Verdes Estates, CA; Alicia Ann Chomo, Wilmington, DE; Glenda Corke, Topeka, KS; Jane Jackson, Moss, TN; Ted Joniec, Bensalem, PA; William Loughlin, Port St. Lucie, FL; Lisa Miller, Gautier, MS; David Pawson, E. Brunswick, NJ; Coleen Pfiefer, Savage, MT; Dorothy Voigt, La Crosse, WI; David Welcher, Brooklyn, NY; David Winkworth, Norwalk, CT; and F. Raymond Woeppel, Edson, Alberta.

—L. P.

July Hidden Contest entries are exposed.

ALPHABETRIVIA

From September 1984

From the Ford model that had a quail on its hood (A) to the Oscar-winning foreign-language film (Z), the Alphabetrivia challenge required contestants to search for the one-letter answers to 36 different, and sometimes obscure, questions. Answer letters that appeared exactly twice then had to be written on each entry in alphabetical order.

More than 1,000 of the 6,700 entries we received found the correct set of answers, which produced the word DEFT when the twice-used letters were written in order. The most often missed questions were those that weren't as easy as they looked: Desmond Llewelyn played Q, not M, in the James Bond movies; tungsten is the metallic element with the highest melting point, but its chemical symbol is W, not T; the mint mark first appearing on U.S. dollar coins in 1979 was P, not D or S. The winner, chosen by random draw from among the correct entries, is R. D. Barthelow, of San Francisco, CA. He'll receive the grand prize of a Commodore 64 computer and a Commodore 801 printer.

Runner-up prizes of a GAMES T-shirt go to the following: Nancy Bjorkman,

(continued on page 60)

The Winning Entry

1. Q	10. E	19. J	28. L
2. D	11. V	20. C	29. Y
3. O	12. J	21. P	30. G
4. I	13. T	22. F	31. P
5. H	14. W	23. R	32. U
6. B	15. W	24. M	33. S
7. A	16. P	25. Z	34. E
8. N	17. D	26. J	35. X
9. F	18. K	27. W	36. T

Letters appearing exactly twice: DEFT

WORD MARATHON

From August 1984

Nearly 700 entrants tested their anagramming endurance in Word Marathon. The challenge was to choose a word of five letters or longer and then to replace one letter at a time with as many different letters of the alphabet as possible, forming another word at each stage by anagramming the new set of letters. To determine the score, the number of substitutions was multiplied by the word length, which encouraged both a long list and long words.

The winner is Michael S. Wolfberg of Concord, MA, whose 26-letter list of 12-letter words scored 312 points to win the grand prize, the U.S. Mint's gold and silver Olympic commemorative coins. His entry appears below. In the spirit of fair play, we have also awarded a special prize to Kyle Corbin of Raleigh, NC, for the highest scoring entry (299 points) on which no words were repeated. This understandable (though not literal) interpretation of our rules was apparently followed by many entrants.

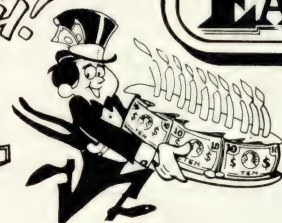
Runners-up, each of whom will receive a GAMES T-shirt, are: Thomas Rotta, Scottville, MI (275 points); Mike Weepie, Cedar Rapids, IA (275); Rod P. Selden, Dayton, WA (260); Donald R. Woods, Los Altos, CA (260); Cynthia Wimer, Sierra Madre, CA (260); M. Hochster, Ann Arbor, MI (260); and Tom Kramer, Washington, DC (260). —M. S.

The Winning Entry

Word	Letter Substituted
TERMINATIONS	
CREMATIONIST	C
GASTROCNEMII	G
CREMATIONISM	M
CRANIOTOMIES	O
EXORCISATION	X
VISCEROTONIA	V
CONSPIRATIVE	P
INCREPATIONS	N
INCINERATORS	R
CONTRARIWISE	W
RHETORICIANS	H
ORCHESTRINAS	S
CERATORHINES	E
SECRETIONARY	Y
REFECTORIANS	F
NECROLATRIES	L
INTERLOCKERS	K
NECROLATRIES	A
CELEBRATIONS	B
NEUROBLASTIC	U
SUBJECTIONAL	J
DISCOUNTABLE	D
ELUCIDATIONS	I
UNSOCIALIZED	Z
ELUCIDATIONS	T
EQUINOCTIALS	Q



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**SOLVE
THIS PUZZLE!**

1	2	4
9	7	8
3	5	6

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☆☆ WILD CARDS ☆☆

Edited by Stephanie Spadaccini

LOOK

Availing Dines Dory

Ones hip bonnie dime, dear whizzer hitting countess tanned awl ewe hatter dew ascend availing dine hart do Hitting Countess buy zephyr stuff mar chaff dizzy ear. Sum buddies gunner went whinny gay ms. teach hurts.

—S. A. S.

TRIVIA

Cinéma Vérité

Hitchcock's *Vertigo* was released in France as *Sueurs froides*, or "Cold Sweat" in English. Can you match these other American films (1-10) with their French titles and translations (a-j)?

1. *Alien*
2. *Altered States*
3. *Any Which Way You Can*
4. *The Big Chill*
5. *Blazing Saddles*
6. *Mr. Mom*
7. *Terms of Endearment*
8. *Time After Time*
9. *Twilight Zone: The Movie*
10. *The Way We Were*
- a. *Au-delà du réel*
(Beyond the Real)
- b. *Ça va cogner*
(There's Gonna Be a Fight)
- c. *C'était demain*
(It Happened Tomorrow)
- d. *Les copains d'abord*
(Friends Come First)
- e. *Le 8^e passager*
(The Eighth Passenger)
- f. *Nos plus belles années*
(Our Loveliest Years)
- g. *Profession: Père au foyer*
(Profession: Househusband)
- h. *La quatrième dimension*
(The Fourth Dimension)
- i. *(Le shérif est en prison*
(The Sheriff Is in Prison)
- j. *Tendres passions*
(Tender Passions)

Answer Drawer, page 62

—from *Film Comment*, August 1984, © 1984 by the Film Society of Lincoln Center



TEASERS

Beyond Com-Pair

Not counting actual parts of the human body, how many things can you think of that are normally referred to as a pair, such as shoes? We've come up with 30 examples, though we're sure there are more.

—Sher Bird

Answer Drawer, page 62

NUMBER PLAY

The Duke of Riddle

When good King Milyun of Enigma passed away, the posting of his last will caused quite a stir among the nobles of the land.

"Enterprising subjects of Enigma who possess cash amounting to a thousand times a thousand zindles," it read, "shall share equally in the royal treasury."

Upon hearing of this, the Duke of Riddle summoned his treasurer for a cash tally, only to learn that the poor man had just been beheaded by the fiery Duchess. The four inventory notes left by the late treasurer were written in Cryptic, as per royal edict:

Note One: "Cash in bin A is worth three times the sum of the other two bins."

Note Two: "Cash in bin B is worth 50 percent more than the contents of bin C."

Note Three: "Bin C holds a thousand zindles for each pound of the Duchess's weight."

Note Four: "If the Duchess has gained five pounds, as rumored, bin C now has only 960 zindles for each of her pounds."

The last note told the Duke how his treasurer had provoked the Duchess. It also helped him figure out how many zindles were on hand.

Was the Duke of Riddle a Milyun heir?

—Mike Shay

Answer Drawer, page 62

LOGIC

What's Your Sign?

Five couples had 10 different astrological signs. Bob, Gil, Jim, Ralph, and Sam had the signs Cancer, Aries, Virgo, Gemini, and Leo, though not necessarily in that order. Joy, Anne, June, Alice, and Mary were Aquarius, Pisces, Scorpio, Libra, and Capricorn. Can you determine everyone's sign and match up the five couples?

1. Bob dates Alice, who is not a Libra or an Aquarius.
2. Ralph is a Virgo and does not date Anne or a Pisces.
3. Joy is not an Aquarius.
4. Anne, a Capricorn, doesn't date Jim, who is a Cancer and dates Joy.
5. The Aries dates the Pisces.
6. June, a Pisces, does not date the Gemini, Sam.

—H. R. Hallock

Answer Drawer, page 62

REVOLUTIONARY WEIGHT-TRAINING PROGRAM!

**"I WENT FROM 120 LBS.
TO 190 LBS.
IN JUST ONE MONTH.
IT'S A MIRACLE!"**

—Mrs. A. Gross

Tired of jogging? Sick of dieting merely to squeeze into costly designer jeans? Fed up fighting the battle of the bulge? Then join the literally thousands of men and women who have discovered that **"Big is Beautiful"** through the **HEFT-ON™** weight-gaining method.

YES, in these **"inflationary"** times the dynamic look of a wide, wide girth commands instant respect and admiration. End the agony of exercise and self-discipline that makes dieting a living hell. Stop the irresponsibly wasteful burning of your valuable calories (nature's own precious energy resource). Instead, gain weight **the HEFT-ON way** and find out for yourself that **"bigger is better!"**

No Dangerous Pills or Exercises!!

Created by Orson Welles' personal nutritionist, **HEFT-ON** is a medically approved, clinically tested plan that guarantees a weight increase of 10 lbs. a week. This is **not** water weight or muscle—but pure adipose! You decide how heavy you want to become: plump, portly, chunky, tubby, fat, or gargantuan. You'll see dramatic results right before your eyes as you add sleek inches to legs, thighs, hips, arms, and waist, along with double and triple chins.

HEFT-ON's incredible secret techniques teach the delights of conspicuous consumption. Eat 7, 8, 9 meals a day—the more the merrier! Say goodbye forever to "health" foods and say hello to potato chips, BLT sandwiches, beer, soda, and good old Sara Lee. Along with **HEFT-ON** instruction booklets, you receive **THE REFINED SUGAR COOKBOOK**, Snacks-A-Plenty calorie counter wheel (learn to pig out scientifically), and a list of 100 sedentary things to do while lying on a barca-lounger. That's right, throw away your running shoes and bar bells. **Here's a diet that's simple, fool-proof, safe, and fun!**

Here's what our satisfied users have to say:

Mrs. T—"I was so crabby from dieting I drove my husband crazy... now I'm fat and jolly... Thanks for saving my marriage, Heft-On!"

Mr. A—"Finally a non-stop junk food binge without guilt! I'm overweight and overjoyed..."

If you don't gain at least 45 lbs. the first two months and aren't completely satisfied with the new you—the two new you's—we'll gladly refund your money. But we don't think we'll have to!!!

Please send me **HEFT-ON's** secret weight-gain plan. If I'm not noticeably flabbier in two weeks, I can return all materials for a complete refund.

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Address _____
City _____ State _____ Zip _____

HEFT-ON,™ Inc. Box 182much, Porker City



TRIVIA

Drop That Name!

Can you identify the songs in which these famous folks are mentioned?

1. Robinson Crusoe
2. Mahatma Gandhi
3. Paul Revere
4. Rockefeller
5. Chairman Mao
6. Dietrich

7. Joe DiMaggio
8. Christopher Columbus
9. Saint Peter
10. Fred Astaire, José Ferrer, Vincente Minelli, Grace Kelly, Irving Berlin, and Rin Tin Tin (among others)

—Raymond A. Winthrop

Answer Drawer, page 62

UNCLE JACK

The Home Doctor?

"Come in, Roger and Peter," said Uncle Jack to his visiting great-nephews. "I see from that bandage that you have been in trouble again. But of course there's a lot you can do at home without bothering your doctor."

The boys smiled at each other. Roger and Peter just loved catching the errors in their Uncle Jack's monologues—and being caught in his little traps.

"Iodine," said Uncle Jack, "is still considered by doctors to be the best thing for cuts, followed by the application of an antistypic bandage, of course."

"I was quite an athlete in my young days, you know. Twice I fractured my patella and each time I hobbled around with a stick for a fortnight. To ease the pain they gave me shots of adrenalin from a hyperbolic syringe."

"I had most of the usual childhood diseases—measles, whooping cough, asthma, and mumps. They all involved tiresome periods of quarantine, so my friends were not allowed to visit me. And in my middle age I suffered terribly from gastric stomach. Of course there were no antibiotics until the end of World War II. Penicillin was the first, and later came paracetamol, streptomycin, and all the rest. Wonderful drugs—

they work by killing the antibodies which build up in the blood.

"You boys should eat plenty of fresh fruit and vegetables. I recall that Captain Cook, the 18th-century English navigator who explored the coasts of Australia and New Zealand, eradicated rickets among his sailors by insisting that they take the juice of lemons, a rich source of vitamin C."

"You also ought to know what to do if you find somebody unconscious after severe electric shock. Slap his hands and back to restore circulation. If you find somebody struck by a vehicle and badly injured, first reassure the victim and give him a hot drink. Stop bad bleeding by pressure with a finger or a pad—tourniquets are frowned on nowadays."

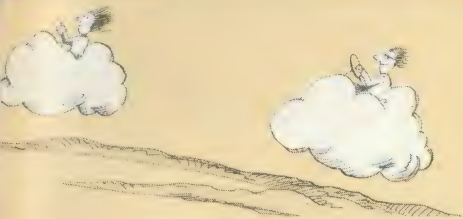
"Excuse my husky voice, boys, I have a terrible cold. I'm trying to knock out the bacteria with whiskey and aspirin."

"Uncle Jack," said Roger plaintively, "We rather think that many of your ideas are incorrect or out of date."

What were Uncle Jack's 12 mistakes? Give yourself one point for each one you spot, but take off three points for every correct item you thought was false.

—Denys Parsons

Answer Drawer, page 62



TRIVIA

Devil's Dictionary

TOUGH NUTS

Supercryptograms

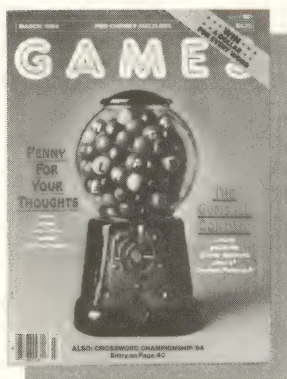
In the supercryptograms at right, C stands for consonant and V stands for vowel. All are common, uncapitalized, 10-letter English words. There are no plurals, none of the words contains the letter Y, and all the answers happen to start with a C. Can you name all six?

1. CCCVCVCVCVC
2. CVVCVCVVVC
3. CVCVCVCVCV
4. CVCCVVCVVC
5. CVCVCVCVCV
6. CCVCCVCCVV

—M. R.

Answer Drawer, page 62

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Comments like "that painting could sure use a scrub" ensue as often as not. Criticism, ironically, pushes the artist to strive harder. Who, after all, scores a home run every time at bat?

Fortunately, most any size or format is seen as a means toward a literate piece of work. Leeway is given, then, to the new, yet historically sound approach. A gallery may have some paintings no wider than a few dozen picas; some may go yards at a stretch.

In the end, a vincible artist may leave behind an invincible body of work, proving that only the cosmos establishes who the true artists are.

The names of 17 famous painters are hidden in this essay. Can you find them all?

—R. L.

Answer Drawer, page 62

EYE 35 SPA 36
FEW 34 SSA 39
FLY 43 TIP 45
IRE 32 TOE 40
LYE 42 WET 48
ORE 38 YET 50

appropriate line. Add the totals for the three lines and place in the "grand total" box. High score wins. Mathematical errors or illegibility will disqualify entry.

In case of ties, further more difficult tiebreakers will be required, but not more than three, in any case. An entry fee of \$5.00 must accompany this entry. The fee for tiebreaker No. 1, if needed, will be \$5.00. And the fee for tiebreaker No. 2, if needed, will be \$5.00. If further tiebreakers are necessary, no fees will be charged.

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— Mrs. A. Gross

Tired of jogging? Sick of dieting merely to squeeze into costly designer jeans? Fed up fighting the battle of the bulge the literally thousands of men who have discovered that "Biful" through the HEFT-ON™ method.

YES, in these "inflationary" times look of a wide, wide girth commands respect and admiration. End the age and self-discipline that makes dieting. Stop the irresponsibly wasteful burning of valuable calories (nature's own precious resource). Instead, gain weight the right way and find out for yourself that "Heft-ON" is the answer!

No Dangerous Exercises!!

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FINED SUGAR COOKBOOK, Snacks-A-Plenty calorie counter wheel (learn to pig out scientifically), and a list of 100 sedentary things to do while lying on a barca-lounger. That's right, throw away your running shoes and bar bells. **Here's a diet that's simple, fool-proof, safe, and fun!**

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TRIVIA

Drop That Name!

Can you identify the songs in which 7. Joe DiMaggio



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"Iodine," said Uncle Jack, "is still considered by doctors to be the best thing for cuts, followed by the application of an antistypic bandage, of course."

"I was quite an athlete in my young days, you know. Twice I fractured my patella and each time I hobbled around with a stick for a fortnight. To ease the pain they gave me shots of adrenalin from a hypodermic syringe."

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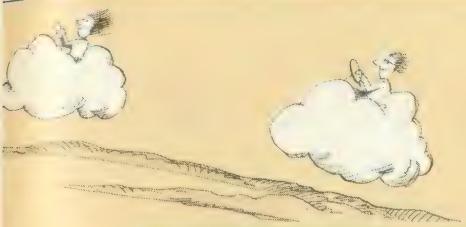
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—Denys Parsons
Answer Drawer, page 62

ILLUSTRATION BY STEPHEN SWENY



TRIVIA

Devil's Dictionary

How many song titles can you think of that contain the word "devil"? We've thought of 10, and have listed them in the Answer Drawer.

—Jack Lechner
Answer Drawer, page 62

LOOK

Art for Art's Sake

In the art world, there are no iron-clad rules. Is the untrained woodsman etching in the forest any less an artist than the student in the workshop? Perhaps, but opinions differ wildly—especially with the more modern styles. Comments like "that painting could sure use a scrub" ensue as often as not. Criticism, ironically, pushes the artist to strive harder. Who, after all, scores a home run every time at bat?

Fortunately, most any size or format is seen as a means toward a literate piece of work. Leeway is given, then, to the new, yet historically sound approach. A gallery may have some paintings no wider than a few dozen picas; some may go yards at a stretch.

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1. CCCVCVCVCC
2. CVVCVCVVVC
3. CVCVCVCVCV
4. CVCCVVCVVC
5. CVCVCVCVCV
6. CCVCCVCCVV

—M. R.

Answer Drawer, page 62

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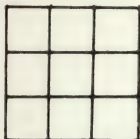
In our last contest advertised in **GAMES**, three of our four winners were **GAMES** entrants. When we reach an intelligent audience, we always try again. So why don't **YOU** join the challenging fun this time, and give it a try?

(We also recently introduced a "NO-TIEBREAKER" Contest called "DIAGRAM-LESS ANAGRAMS". If you would like more information about it, please drop us a note to the address below, and we will be happy to add your name to our current mailing list.)

Belated "**HAPPY NEW YEAR**" and "**HAPPY PUZZLING**"!

- 1st Prize — \$1000
- 2nd Prize — \$400
- 3rd Prize — \$100
-

RULES FOR CONTEST NO. 19



WORD LIST

AGE 13 PEG 28
AXE 30 PIG 32
EEG 17 SIX 52
EYE 35 SPA 36
FEW 34 SSA 39
FLY 43 TIP 45
IRE 32 TOE 40
LYE 42 WET 48
ORE 38 YET 50

Using only the words on the word list, with no blanks, fill in the diagram shown. No word may be used more than once. Words must read both horizontally from left to right, and vertically from top to bottom. Word lists are supplied with all puzzles and tiebreakers. All puzzles and tiebreakers will be of crossword wordbuilding type.

Letter values are: A=1, B=2, C=3, D=4, etc.

Notice how we have already scored for you each word on the list.

Add the letter values for each horizontal word and place the total on the appropriate line. Add the totals for the three lines and place in the "grand total" box. High score wins. Mathematical errors or illegibility will disqualify entry.

In case of ties, further more difficult tiebreakers will be required, but not more than three, in any case. An entry fee of \$5.00 must accompany this entry. The fee for tiebreaker No. 1, if needed, will be \$5.00. And the fee for tiebreaker No. 2, if needed, will be \$5.00. If further tiebreakers are necessary, no fees will be charged.

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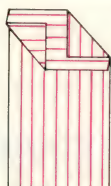
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ANSWER DRAWER

4 Your Move

Linage

The sections should be lined like this:



A Marbelous Challenge

On each transaction, the number of white marbles either remains the same or is reduced by two, which means there must always be an odd number of white marbles in the urn (since their initial number is odd). Therefore the last marble must be white.

Anagrammar

The two eight-letter words are TEAMMATE and REAPPEAR; the 10-letter word is HORSESHOER.

Fourplay

Salt Lake City, Utah, has four words of four letters each.

Second-Best Poker

1. The worst possible 10-card deal is 2, 2, 2, 3, 4, 5, 7, 8, 9, 10 (with suits distributed to avoid a flush), yielding the hands 2, 2, 2, 3, 4 (three of a kind) and 5, 7, 8, 9, 10 (10 high). At first it might appear that substituting a 6 for the 7 would be worse, but it's not: 2, 2, 2, 3, 4, 5, 6, 8, 9, 10 yields a straight (2, 3, 4, 5, 6) and a pair (2, 2, 8, 9, 10), and the pair of deuces beats the 10 high.

2. For 15 cards the worst deal is 2, 3, 4, 6, 7, 8, 9, J, Q, K, K, K, A, A, A, with suits distributed to avoid a flush. The best possible third-best hand is 9, J, Q, K, A.

3. For 20 cards, the best fourth-best hand from the worst possible deal seems to be a pair of jacks, obtained in several ways, e.g., ♠ 10 8 7 5 4 2; ♥ 10 8 7 5 4 2; ♣ A K Q J; ♦ J 9 6 3. The fourth-best hand: ♣ A K Q J; ♦ J.

Can readers improve?

35 Elimination Tournament

1. SINEW (anag.) 2. HER-ON 3. TIARA (hidden) 4. (a) TROPHY 5. I-DEAL 6. F(IN)ISH 7. SANITY (anag.) 8. SH(O)UT 9. VI(S)TA 10. CHASE (anag.) 11. MEN-ACE 12. VAULT (2 mngs.) 13. OBTUSE (anag.) 14. T(OX)IN 15. WAIVE (homophone) 16. S-UNDER a. BUTT-ON (no rev.) b. SH(R)INE c. THROAT (anag.) d. ACT(UA)L (Au rev. in *tal* anag.) e. ST-AT-US f. ALUMNA (anag.) g. THROWN (homophone) h. MA(LI)CE i. W-INNER j. AD(V)ISE (*aside* anag.) k. ASTUTE (anag.) l. CHIVES m. INSIDE (anag.) n. T-ISSUE

The puzzle playoffs are as follows:

WINNER	}	THROWN	}	SHRINE	}	NATURE
THROAT		TISSUE				
INSIDE	}	MALICE	}	ACTUAL		
STATUS						
CHIVES	}	}	}	}	}	
ALUMNA						ASTUTE
BUTTON	}	}	}	}	}	
ADVISE						ASTUTE

Quotation: After you have exhausted what there is in business, politics, conviviality, and so on ... what remains?

Answer: Nature.

20 Homecoming

The absence of a corkscrew or of any corks among Bozo's effects on his bed (picture 8) proves that he could not have opened the wine bottles. (Indeed, the only corkscrew seen in the entire sequence—the one used by Ben in picture 1—is still on the patio in picture 4.) Someone else had emptied the bottles to make it appear that Bozo had been drinking through the night.

Moreover, the fact that the driveway was dry underneath Bozo's body (picture 7) meant that Bozo must have been pushed out the window *before* it started to rain. As pictures 3 and 4 establish, Ben Dewey was the only one who had had that opportunity, when he was supposedly in the kitchen making Irish coffee.

Bozo's manuscript was subsequently found hidden in Ben's bedroom. Leafing through it, Detective Kramer realized that Bozo had merely wanted to frighten his successful friends and impress them that his writing career was for real. Beneath the title page, all the sheets were blank: Bozo suffered from terminal writer's block.

50 Eyeball Benders

- Dictionary thumb index
- Seesaw
- Red peppers
- Asphalt roof tiles
- Water tower, showing shadow of staircase
- Shadow of sunglasses
- Toad in the road
- Light bulb base
- Baseball glove
- Snow shovel
- Hot chocolate with marshmallow

36 Double Cross

- | | |
|----------------|--------------------|
| A. NOISES OFF | M. VIEWFINDER |
| B. ARTHUR LAKE | N. EASTON |
| C. NATHAN | O. RUSK |
| D. COMBAT | P. SHORT-SIGHTED |
| E. YARDBIRDS | Q. IN HOT WATER |
| F. CHIFFOROB | R. NOBLESSE OBLIGE |
| G. SHIPSHAPE | S. CHAMBERLAIN |
| H. OFTENTIMES | T. ETHMOID |
| I. RIFFRAFF | U. ENTITLE |
| J. ESKERS | V. VANITY |
| K. LATITUDE | W. ESTUARY |
| L. ENTAIL | |

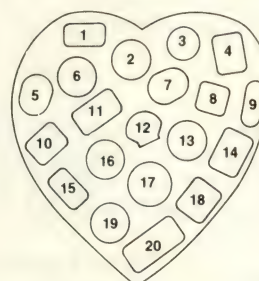
The Eskimo incubator for the premature baby consists of the skin of a large seabird ... turned so that the feathers are inside ... and hung over an oil lamp. ... In this warm and infinitely soft cradle the baby (lives) for the first weeks of its life.—Nancy C. Sorel, *Ever Since Eve*

27 Life of E's

- | | |
|--------------------------|------------------------|
| 1. Tennessee | 11. Tweedledee |
| 2. Helter-skelter | 12. Knee jerk |
| 3. Green cheese | 13. "Jeepers Creepers" |
| 4. Weekend | 14. Seventeen |
| 5. Present tense | 15. Gentle Ben |
| 6. The Bee Gees | 16. Three-wheeler |
| 7. Free verse | 17. Beekeeper |
| 8. Sweetener | 18. Fleet Street |
| 9. <i>Meet the Press</i> | 19. Helen Keller |
| 10. Self-defense | 20. Crème de menthe |

12 Sweet Heart

The chocolates are arranged as shown:



- | | |
|---------------------|------------------------|
| 1. Chocolate nougat | 11. Maple nut |
| 2. Liquid cherry | 12. Mocha creme |
| 3. Orange creme | 13. Strawberry cordial |
| 4. Vanilla nougat | 14. Nut chew |
| 5. Coconut | 15. Raspberry cordial |
| 6. Butter creme | 16. Rum creme |
| 7. Truffle | 17. Chocolate fudge |
| 8. Mint creme | 18. Caramel |
| 9. Brazil nut | 19. Vanilla creme |
| 10. Marshmallow | 20. Butter crunch |

34 Cryptic Warm-Up Puzzle

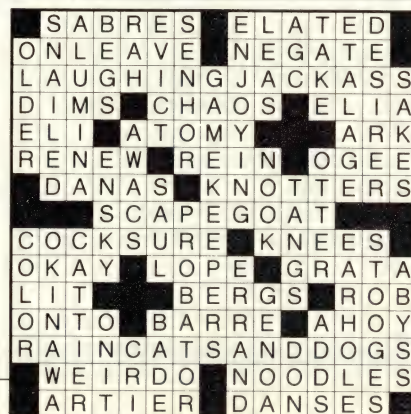
ACROSS

- DISCUS. The answer DISCUS (defined in the clue as "track and field event") is the word DISCUSS ("to talk about") without its last letter.
- VENICE. The word VENICE ("Italian town") can literally be found tucked inside the phrase groVE NICELY.
- CAMERA. The answer CAMERA ("photographer's equipment") is an anagram of the words CREAM A. The word "accidentally" suggests the rearrangement of letters.
- DENNIS. The word DENNIS ("comic-strip kid") is the word SINNED ("did wrong") in reverse.

DOWN

- DOVE. The answer DOVE in two different senses means "bird of peace" and "plunged."
- SANTA FE. When the word SAFE ("vault") is made to contain the word ANT ("insect"), the result is the answer SANTA FE ("New Mexico city").
- UNCLEAN. The word UNCLEAN ("dirty") is a combination of the words UNCLE ("family member") and AN ("one").
- RAYS. The answer RAYS ("beams") has the same sound as the word RAISE ("lift"). The word "audibly" signals the homophone.

29 Beastly



9 mg. "tar", 0.7 mg. nicotine av. per cigarette, FTC Report FEB. '84.



Warning: The Surgeon General Has Determined
That Cigarette Smoking Is Dangerous to Your Health.

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That's Success!



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Fake Advertisement

The Fake Advertisement announced in the Table of Contents was for the Heft-On Weight-Training Program and appeared on page 56.

31 Typecasting

ABIDES SEEHERE BLURTS
LUTIST UNLADEN LINEUP
GRAVEYARDSHIFT OEUVRE
ERLE LEIA TIRES MIKE
ROI RABAT LEASE LED
SCHEMES SKELETONKEYS
OVID STERES MAA
MARGINOFERROR BATHY
AVOWED REARS COIL OOO
RESAW TODDY TAXRETURN
IRES OZES CORES ERIK
TABHUNTER SHOOS BRAZE
AGA NEON ALIMB RANCOR
LEYTE SPACESTATIONS
OSS THINLY HIHO
BABYCARRIAGE RESENTS
ERR ONION VICES ETH
ALOT DOUGH BOBO ANOA
REGINA BLUERIBBONJURY
ENAMEL LETTUCE HEARME
RENEWS ESTATED STRESS

28 Dszquphsbnt!

1. CRYPTOON. "Would you mind shutting the door when you leave? Some of us are trying to keep warm!"
2. SAFETY IN NUMBERS. It's a good policy to have at least two vices so you can boast that you "don't have a single one."
3. I'VE BEEN FRAMED. Painting is self-discovery. Every good artist paints what he is.—Jackson Pollock.
4. ARTISTIC LICENSE. Many chefs come up with such weird menus you'd think they were practicing "kookery."
5. TIGHT SQUEEZE. Twelve enormous circus clowns scramble from absurdly tiny auto, delighting young audience.
6. NOT FAIR AND WARMER. Louis the Fifteenth was not auditioning for weatherman when he predicted "Après moi le déluge."
7. PICTURE PERFECT. Rosetta Stone discovery pointed archaeologists toward deciphering mystic hieroglyphics.

26 Address Hunting

ELPOEP
IBSREGRAHLS
ALLRHTSORYTEOCO
RRECATRVERNLFOR
SGWHLVAGEENSISHOOV
WNNLTESOCREATEDR
BHEOIVYPERNRTOOET
REWSTAEENDMLDVSI
SHTATHTRLLEMAEAOO
OPHOODEVEECNOOTENT
NEENWBVSBTDIAERICO
WSRFESIOHFLMEACSSORE
TAUIDSLTHATNENITNOOAO
EYSSNSHAULLNMDOSAOASO
PPAIERAORBTODCOBURBERT
ETESREEDUGAEIOCORAVLLDE
WMHSHRSRTSTRUGGLEDRYLOI
NREHTEGOTLATIBENRDNOMF
ROOAMDDULTNFIIFIGIW
CEAFATNEVVGOLORON
OSFIMDFYEUONNHT
ETNXPIRWOEFOOUGHT
CISSEEDORPPAREEHR
CNSCORPREFORENTIAL
GGGDIWHTSHTDRHAT
ALLAMEVNEVFEURAYWH
EREBEGLTVICRAEEEA
BGNITSEONNACC
RAHAMLINDAAGOLN
EDITHTGLYHRUDY

37 Mind Flexers

Puzzle 1

1. B
2. E
3. D
4. A
5. C

Puzzle 2

1. B
2. A
3. E
4. D
5. C

Puzzle 3

1. E
2. D
3. C
4. A
5. B

Puzzle 4

1. D
2. E
3. A
4. B
5. C

Puzzle 5

1. D
2. A
3. B
4. E
5. C

53 Contest Results

(Continued)

Costa Mesa, CA; Louis G. Frey, Norwalk, OH; Colleen Gartland, Chicago, IL; Marge Gerba, Sparta, NJ; Beth McLeod, Boone, NC; Lucie Melahn, Andover, MA; Robert Ruiz, Jr., Fresno, CA; Sally Spector, Englishtown, NJ; Karen Lytle Sumpter, Carmichael, CA; and Richard Walters, Oxnard, CA.

27 Science Flick-tion

JAPAN ASHE RARE
ALAMO ROOT APER
RETURN OF THE JEDI
SEES ASAP SAXON
EDGE OOPS
MIAMI STAY TOM
ADMEN FIAT MENU
PLANET OF THE APES
LENT AUTO ADENT
ERA FURS SHEDS
MASK ASEA
SABER ISNO TWAS
CLOSE ENCOUNTERS
ADOS EGAD BERET
MARY ESNE CRESS

42 Call Our Bluff

The fake items are the Prescription Monitor, Bug Off, and the Pay Modem.

39 Cues and Clues

BOOKSSOLID SODS BATHTOWEL
INVETERATE EURO OTHERSHOE
REARRANGES ARES BARBICANE
FETA MISCHA CAR ETAT
CUM GAYE THEMOONIS ARHAT
ANEMIC COME AROUND LIPSARE
SILAS MOVIESONTV TISH VEL
ATON FENETRE POMADE GENL
BATTLEDORES GALLOPINGAWAY
ASTRONOMER GOTOUTINTIME
ABC INS ABETTORIS NOHIT
PUSS ISED SMELTER IDSWEAR
HHH NHTIETIES FDA RTE
DURANGO WIDOWED WIEN MEEK
SHEBA WHOMEVER IAN IDA
WESTPYRENEES OLGAKOR BUT
MIDDLEEASTERN VOTEGETTERS
EROS HOMEEOC LATERAN EASE
DIP REPS SKIRESORTS ONDIT
ONEREEL STEREOHIFI IBSENS
CARET EXPEDIENT PHNO DEE
AMIA TED DRAINS OSIP
ANTARCTIC SIAM OHAWISEGUY
LOOSETALK OUSE MAGISTRATE
PARKSITES UMES SWEETSUSAN

44 Naming Names

The depositions should be translated as follows:

Merv

Animal: fox (Redd Foxx)
Disguise: plumber (Christopher Plummer)
Car: green Nash (Lorne Greene/Ogden Nash)
City: Berlin (Irving Berlin)
Name: Thomas (Dylan Thomas)

Henrietta

Animal: polar bear (Max Baer)
Disguise: baker (Carroll Baker)
Car: gray Ford (Joel Grey/Gerald Ford)
City: Amsterdam (Morey Amsterdam)
Name: Dennis (Sandy Dennis)

Eugenia

Animal: wolf (Virginia Woolf)
Disguise: mason (Marsha Mason)
Car: blue Chrysler Le Baron (Vida Blue/Fritz Kreisler)
City: Denver or Houston (John Denver/John Huston)
Name: Arthur (Beatrice Arthur)

Mike

Animal: wren (Sir Christopher Wren)
Disguise: shoemaker (Willie Shoemaker)
Car: lemon-yellow Hudson (Jack Lemmon/Rock Hudson)
City: London (Julie London)
Name: Arnold (Benedict Arnold)

Bill

Animal: lamb (Charles Lamb)
Disguise: shepherd (Cybill Shepherd)
Car: rose Packard (Pete Rose/Vance Packard)
City: Cleveland or Washington (Grover Cleveland or Grover Washington Jr.)
Name: John (Elton John)

Jack

Animal: crab (Buster Crabbe)
Disguise: cook (Alistair Cooke)
Car: white Lincoln (Betty White/Abe Lincoln)
City: Berkeley (Busby Berkeley)
Name: Allen (Woody Allen)

Will Wangle's summation

Henrietta had the right animal, a (prize-fighter Max) Baer; Mike had the right disguise, a (jockey Willie) Shoemaker; Eugenia was right about the color of the car, (baseball pitcher Vida) Blue; and Merv had the right kind of car, a (poet Ogden) Nash. Jack had the bumper city, (1930s director Busby) Berkeley, and Bill had the right first name, (rock star Elton) John.

In short, a polar bear was stolen by a pretend shoemaker who got away in a blue Nash bearing an I ♥ BERKELEY sticker. His first name was John.

25 Just for Starters

- A. Side, Aide, Ride
- B. Avert, Evert, Overt
- C. Crises, Arises, Irises
- D. Ragged, Tagged, Lagged
- E. Yellow, Mellow, Fellow
- F. Sonic, Tonic, Ionic
- G. Light, Right, Eight
- H. Dearly, Pearly, Yearly

Quote: "My life is a crystal teardrop."

6 Letters

Tasmanian Devils

1. The Sydney Harbour Bridge
2. Small bottles of beer or men's short trousers
3. Queensland
4. An Englishman
5. The sheep
6. c) In the water. The yabby is a freshwater crayfish.

32 Braintwisters

1. Letter Blocks

The message on the reverse reads "DO YOU LIKE GAMES?"

2. Going Fishing

Tadeusz is older—in fact, he's Piotr's father! These three people are involved: Piotr, who caught 42 fish; his father, Tadeusz, who caught 14 fish; and Tadeusz's father, who caught 14 fish.

3. The Word

The word is "minimum."

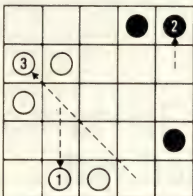
4. Digititis

The complete problem is:

$$\begin{array}{r} 27 \\ \times 32 \\ \hline 54 \\ 81 \\ \hline 864 \end{array}$$

5. Queen's Gambol

Move the three pieces (in order) as shown below:



6. Domino Logic

The set is divided as shown:

2	2	4	5	0	0	2	3
2	4	0	3	5	0	1	2
1	6	3	0	5	1	5	6
1	4	2	0	3	3	4	5
1	1	6	2	4	6	5	1
1	3	6	5	4	4	4	2
3	3	6	6	0	6	5	0

7. Box Scores

The red box contains 29 balls. The remaining boxes are distributed as follows: yellow—14, 23, 41, 46 (total, 124); blue—11, 19, 32 (total, 62).

34 Cryptic Crossword

ACROSS

- 1 Forest ranger (fore + stranger)
- 8 Martini (Martin + I)
- 9 Selfish (sell - I + fish)
- 11 Omits (Tom is)
- 12 Peninsula (lines up an)
- 13 England (glen and)
- 14 Salient (propoSAL I ENTertain)
- 16 Inspect (pins, etc.)
- 19 Compete (come + pet)
- 21 Headstone (he + ads + tone)
- 23 Board (bored)
- 24 Dippers (red pips)
- 25 Trade-in (tried an)
- 26 Monkeyshines (monk + eyes + shin)

DOWN

- 1 Farming (far + Ming)
- 2 Reinstate (rein + state)
- 3 Slipped (sped + lip)
- 4 Resents (Sterne's)
- 5 Nylon (funNY, LONG)
- 6 Epicure (pure ice)
- 7 Impoverished (imp + over + I + shed)
- 10 Heartrending (hearing + trend)
- 15 Lamebrain (marine lab)
- 17 Shampoo (sham + poor - r)
- 18 Trotsky (trots + KY)
- 19 Cheetah (heat + Che)
- 20 Enamels (ten - t + camels - c)
- 22 Slick (keels)

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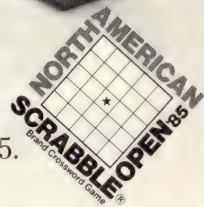
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ADDRESS _____

CITY _____ STATE _____ ZIP _____

ANSWER DRAWER

29 Triple Sixes

- | | |
|-----------|------------|
| 1. Ardent | 10. Niacin |
| 2. Silver | 11. Author |
| 3. Tomato | 12. Convey |
| 4. Ballet | 13. Happen |
| 5. Carton | 14. Oyster |
| 6. Endear | 15. Hidden |
| 7. Hermit | 16. Cellar |
| 8. Queasy | 17. Malign |
| 9. Hangar | 18. Amount |

30 Classifications

Here are our answers (yours may differ):

1. Clarinet, Thrush, Harding, Golf, French
2. Bugle, Egret, Tyler, Racquetball, Latin
3. Piano, Ostrich, Hayes, Squash, Hebrew
4. Harmonica, Auk, Kennedy, Yachting, Greek
5. Harp, Parrot, Taft, Tennis, Swahili
6. Ukulele, Eagle, Eisenhower, Rugby, Yiddish
7. Drum, Myna, Adams, Soccer, Russian
8. Accordion, Nuthatch, Hoover, Rowing, German

WILD CARD ANSWERS

Cinéma Vérité

1. (e) *Alien* (The Eighth Passenger)
2. (a) *Altered States* (Beyond the Real)
3. (b) *Any Which Way You Can* (There's Gonna Be a Fight)
4. (d) *The Big Chill* (Friends Come First)
5. (i) *Blazing Saddles* (The Sheriff Is in Prison)
6. (g) *Mr. Mom* (Profession: Househusband)
7. (j) *Terms of Endearment* (Tender Passions)
8. (c) *Time After Time* (It Happened Tomorrow)
9. (h) *Twilight Zone: The Movie* (The Fourth Dimension)
10. (f) *The Way We Were* (Our Loveliest Years)

What's Your Sign?

Bob, a Leo, dates Alice, a Scorpio.
 Gil, an Aries, dates June, a Pisces.
 Jim, a Cancer, dates Joy, a Libra.
 Ralph, a Virgo, dates Mary, an Aquarius.
 Sam, a Gemini, dates Anne, a Capricorn

Beyond Com-Pair

Binoculars, bookends, boots, cufflinks, chopsticks, crutches, dice, earrings, earmuffs, eyeglasses, flippers, gloves, handcuffs, headphones, longjohns, leotards, mittens, nylons, pants, pliers, shorts, slacks, skis, slippers, socks, scissors, suspenders, tweezers, tongs, wings.

The Duke of Riddle

Bin A contains 900,000 zindles, bin B contains 180,000, and bin C has 120,000. Adding the three bins together yields 1,200,000 zindles, making the Duke of Riddle a Milyun heir, with zindles to spare.

Drop That Name!

1. "Blue Room" ("you sew your trousseau, and Robinson Crusoe")
2. "You're the Top" ("you're Mahatma Gandhi")
3. "Can Do" ("I got the horse right here, his name is Paul Revere")
4. "On the Sunny Side of the Street" ("I'd be rich as Rockefeller")
5. "Revolution" ("But if you go carrying pictures of Chairman Mao")
6. "The Most Beautiful Girl in the World" ("isn't Garbo, isn't Dietrich")
7. "Mrs. Robinson" ("Where have you gone, Joe DiMaggio?")
8. "They All Laughed" ("at Christopher Columbus")
9. "Sixteen Tons" ("Saint Peter don't you call me")
10. "Drop That Name" (from *Bells Are Ringing*)

The Home Doctor?

1. Iodine is outmoded as an antiseptic.
2. Uncle Jack meant "antiseptic," not "antistypic."

3. The patella is the kneecap, and its injury might well cause pain and hobbling. But adrenalin is not a pain-killer.
4. "Hypodermic," not "hyperbolic."
5. Asthma is not infectious, so no quarantine is needed.
6. "Gastric stomach" is meaningless since "gastric" means "of the stomach."
7. Paracetamol is not an antibiotic.
8. Antibiotics kill germs, not antibodies, which are beneficial.
9. The vitamin C in lemons helps prevent scurvy, not rickets.
10. Severe electric shock may cause breathing to stop, so mouth-to-mouth resuscitation should be applied.
11. The victim of an automobile accident may need an operation, so it's safer to give no drinks, hot or cold. The information about stopping bleeding is correct.
12. The common cold is a viral, not a bacterial, infection.

Supercryptograms

- | | |
|---------------|---------------|
| 1. Chloroform | 4. Circuitous |
| 2. Courageous | 5. Comedienne |
| 3. Camouflage | 6. Chimpanzee |

Devil's Dictionary

"Devil Woman" (performed by Cliff Richard)
 "Sympathy for the Devil" (The Rolling Stones)
 "(You're the) Devil in Disguise" (Elvis Presley)
 "Devil With a Blue Dress On" (Mitch Ryder and the Detroit Wheels)
 "Devil or Angel" (Bobby Vee)
 "Devil's Gun" (C.J. and Co.)
 "Friend of the Devil" (The Grateful Dead)
 "Old Devil Moon" (from *Finian's Rainbow*)
 "The Devil Went Down to Georgia" (The Charlie Daniels Band)
 "Running With the Devil" (Van Halen)

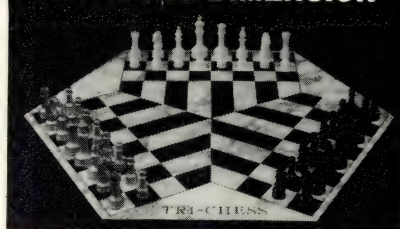
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In the art world, there are no ironclad rules. Is the untrained woodsman etching in the forest any less an artist than the student in the workshop? Perhaps, but opinions differ wildly—especially with the more modern styles. Comments like "that painting could sure use a scrub" ensue as often as not. Criticism, ironically, pushes the artist to strive harder. Who, after all, scores a home run every time at bat?

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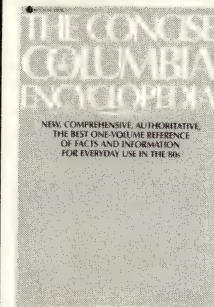
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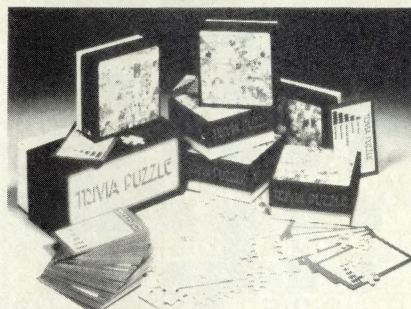
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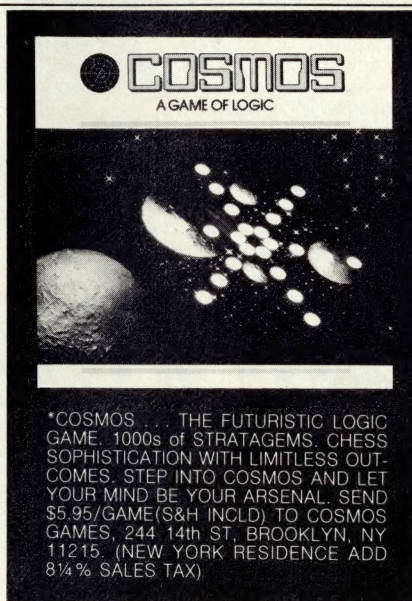
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ANSWER DRAWER

All-Stars Cover

The NFL teams represented in the huddle are, clockwise starting from the quarterback at the bottom, the New York Jets, the Green Bay Packers, the Kansas City Chiefs (or the Washington Redskins), the Dallas Cowboys, the Houston Oilers, the New England Patriots, the Detroit Lions, the St. Louis Cardinals, the San Diego Chargers, the Tampa Bay Buccaneers, and the Chicago Bears.

40 Gone But Not Forgotten

1. Gas pump: no trigger to pump gas
2. Ladder: no side hinge to keep ladder from opening too far
3. Can opener: no lip for can lid
4. Envelope: no hole for clasp
5. Baseball mitt: no webbing
6. Doorway: no hinges
7. Tape measure: no end hook/catch
8. Stapler: no indentation to guide staple
9. Flag and flagpole: no rope (halyard) to raise and lower flag
10. Belt: no loop for belt end
11. Hypodermic needle: no finger flange
12. Parking meter: no turn handle

22 Ring Out the Old

It's for You, Mr. Bell

1. (a) On February 14, 1876, Bell filed specifications at the U.S. Patent Office three hours before Gray filed a *caveat* for a similar, if less-developed version of the telephone.
2. (b) In fact, it was while working as a teacher that Bell met Mabel Hubbard, deaf since the age of four, whom he would teach to speak and later marry. (The name Ma Bell, however, is not derived from Mabel, but from the news media's characterization of the phone company as a concerned mother looking after her employees.)
3. (a) The ring. Prior to Watson's idea, the phone would thump or click. And in the earliest days, it did neither. You had to be standing near the phone to hear that someone was on the other end.

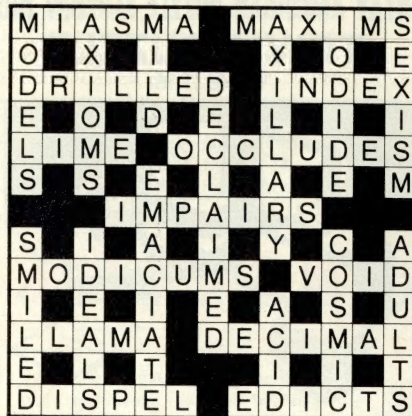
Famous Firsts

1. (b) According to the legend, those were the first words, spoken on March 10, 1876. But since they were spoken by Bell on the occasion of having just spilled battery acid on the crotch of his pants, it is more likely that the actual first words uttered over the phone were unprintable.
2. (c) \$20. Rather a lot then, considering how few people Emery could call.
3. (a) "Ahoy." Incidentally, in Italy they answer the phone by saying "Pronto" ("Ready"), and in Japan they say "Moshi Moshi," an idiomatic phone greeting that is also used informally for "Hi," "Excuse me," "Please," and other conversation.
4. (c) Herbert Hoover, in March 1929.
5. (g) pay phones, 1889; (e) hold buttons, 1933; (c) area codes, 1947; (b) outdoor phone booths, 1953; (a) Princess phones, 1959; (d) Touch-Tone (push-button) phones, 1963; (f) Picturephones, 1964 (at the New York World's Fair).

We've Got Your Number

1. (b) Washington, DC, reached a peak in 1980 of 1,648 phones for every 1,000 people. This means that there are more than 1.6 phones for every man, woman, and child in the city.
2. (c) So says AT&T. Better use the one down the block if you're in a hurry.
3. A phone rings 10 times in one minute.
4. (c) 1,140
5. (a) Two years. Based on an average 74-year life span, we spend a little over 5½ years eating, just under 1 year bathing, 21 years sleeping, and slightly over 12 years watching television.
6. No, they don't.
7. (f) Mother's Day, (d) Christmas, (c) Father's Day, (e) Easter Sunday, (b) Columbus Day, (a)

30 Calculetters



10 Gamebits

That Was the Year That Was

The fake news story was number 4.

Thanksgiving. Columbus Day is often a business day as well as a holiday, which accounts for its relatively high ranking (people rarely call home to wish Mom a happy Columbus Day).

Telephone Chords

1. (a) "Pennsylvania 6-5000" (Glenn Miller, 1943). At the time, this was the number of the information desk at Penn Station. It's now the switchboard number of New York's Penta Hotel.
- (b) "Beechwood 4-5789" (The Marvellettes, 1962)
- (c) "867-5309" (Tommy Tutone, 1981)
2. "The number on the matchbook is old and faded."
"With my best old ex-friend, Ray."
3. "My uncle took the message and he wrote it on the wall."
"Marie is only six years old."
"Her home is on the south side, high up on a ridge, just half a mile from the Mississippi bridge."
4. (a) "Fire and Rain" (James Taylor, 1970)
- (b) "These Foolish Things" (from the movie *A Yank in the R.A.F.*, 1941)
- (c) "King of the Road" (Roger Miller, 1965)
- (d) "By the Time I Get to Phoenix" (Glen Campbell, 1967)
- (e) "You Won't See Me" (The Beatles, 1965)
5. "Yes Sir, That's My Baby."

Ring a Bell?

1. (a), (c), and (f).
2. "I'm sorry, President Reagan cannot come to the phone right now"—or words to that effect.
3. (a) "Well, let him out!" (hang up).
- (b) "You sure must walk funny!" (hang up).
- (c) "Go catch it, then!" (hang up).
4. To dial NUMBERS, you'd dial the numbers 686-2377. Dialling QUIZZES is distinctly more difficult, since the phone has no Q and no Z. (The rest of that number is *84-**37.) There are no letters on the 1.
5. (a) Ernestine (Lily Tomlin); (b) Maxwell Smart (Don Adams); (c) Superman; (d) E.T.
6. (a) BOB HOPE; (b) HELOISE; (c) T.S. ELIOT; (d) EL GRECO; (e) REX REED; (f) MAE WEST; (g) IDI AMIN

Casting Call

1. *Butterfield 8*
2. *Sorry, Wrong Number*
3. *Dial M for Murder*
4. *Call Northside 777*

EUREKA

Eureka is dedicated to those venturesome spirits who, never settling for a ready answer, have fought their way to a better, more elegant, or more complete solution than one previously given in the Answer Drawer.

★ **Escape From the Dungeon** (December, page 17). A number of readers wrote to tell of an alternate solution to this adventure puzzle, the object of which was to escape a dungeon maze by means of logic and wordplay. In our solution, the player, forced to leave the treasure behind, could escape with only his life. Kenneth Green, of Hickory, NC, was among the first to present us with what he calls "a solution that although less elegant is certainly more lucrative." While die-hard adventure game fans might raise an eyebrow at the idea of a player's using an object that's in another character's possession, the solution that follows is nonetheless worthy of mention: Gather 25 pengos (coins), and give them to the gateman, who will then help carry the treasure out, using his spear to slay the dragon.

★ **The Trivia Game Trivia Game** (December, page 24). According to Sean Lamb, of Manhattan Beach, CA, Archie Bunker's chair isn't the only piece of furniture from *All in the Family* to be displayed in the Smithsonian National Museum of American History (Trivia, question 4)—Edith's chair and a small table holding Archie's beer can, an ashtray, and a partially smoked cigar are on display too. Then there's the question of who was on the first cover of *TV Guide* (*TV Guide's* TV Game, question 9). Our answer was Desi Arnaz, Jr. (actually Desiderio Alberto Arnaz IV), but Mary Jean Parks, of New Castle, DE, wrote to mention that his proud mother, Lucille Ball, appeared on that same cover in a small inset photo.

★ **Tantalizers** (December, page 45). Problem 4, "Lettergrams", asked readers to form words by traveling through a grid of nine letters connected by straight lines. Sue Marion, of Washington, DC, and Kyle Corbin, of Raleigh, NC, bettered our list of 14 words by adding *atria* and *triage*.

COMING DISTRACTIONS

March

... **And Everything Dice** The unearthly cube of dice hovering on the cover holds two mazes—just follow the dots to solve. Odds are you'll turn next to "Ivory Towers," two pages of stacked-dice sequence puzzles.

Murder on the Montreal Express

Are the pink rollers a red herring? This firsthand account of a play-by-rail whodunit staged on a train trip may give you the urge to climb aboard, too, so we've supplied a coast-to-coast list of participatory murder mysteries.

Crossword Championship It's time for puzzlers to sharpen their pencils for the 1985 U.S. Crossword Open. The first round: solving the "Circular Reasoning" puzzle in Pencilwise.

Plus Thoroughly Modern Limericks Contest, Eyeball Benders, Pic Tac Toe, a wordsmith's zoo, and all the answers.

**On sale at newsstands
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1.1 mg. nicotine av. per cigarette, FTC Report Mar. '84.